FIG. 1

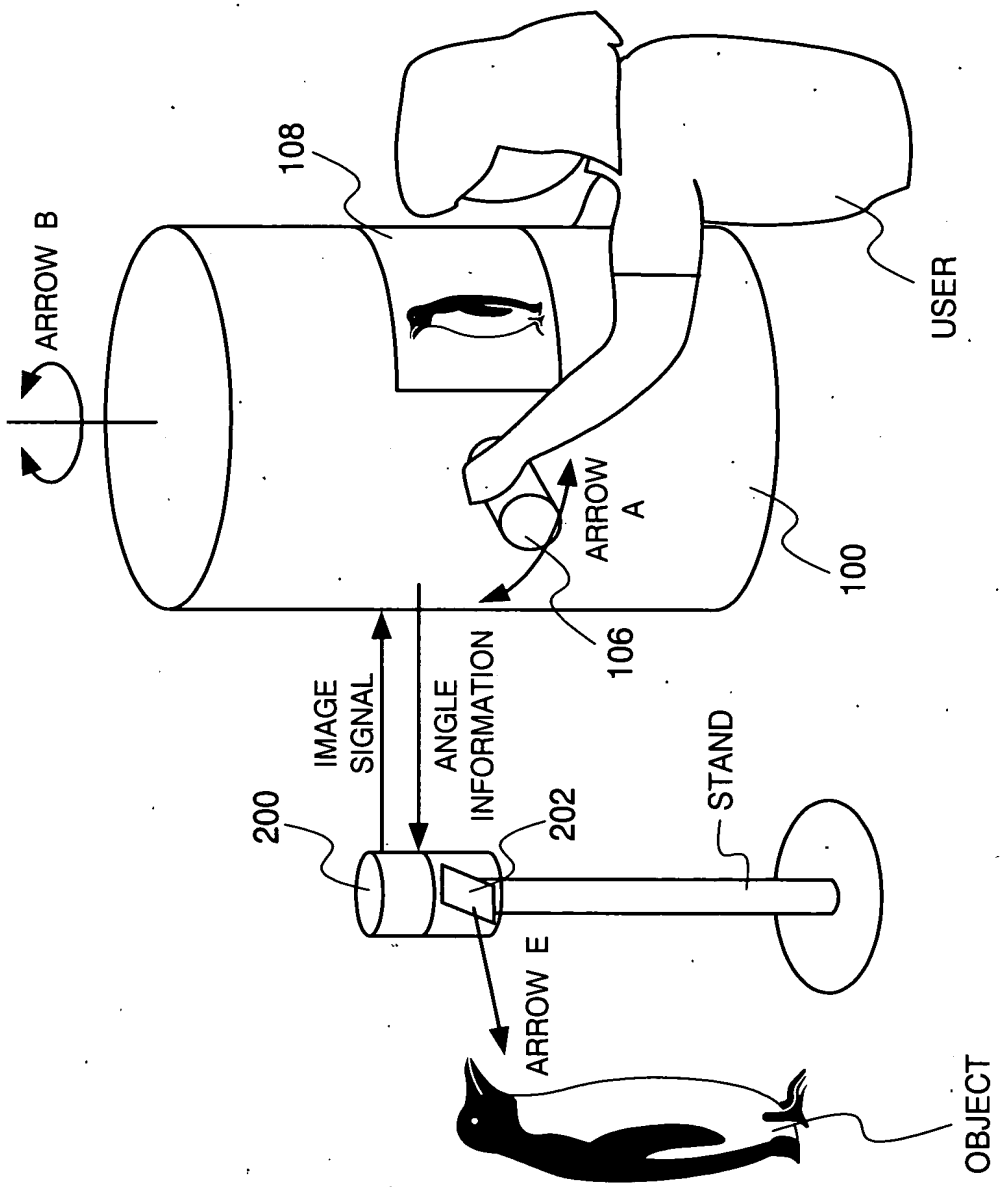

ARROW B
108
USER
ARROW A
100
106
IMAGE SIGNAL
ANGLE INFORMATION
200
202
STAND
ARROW E
OBJECT

FIG. 2

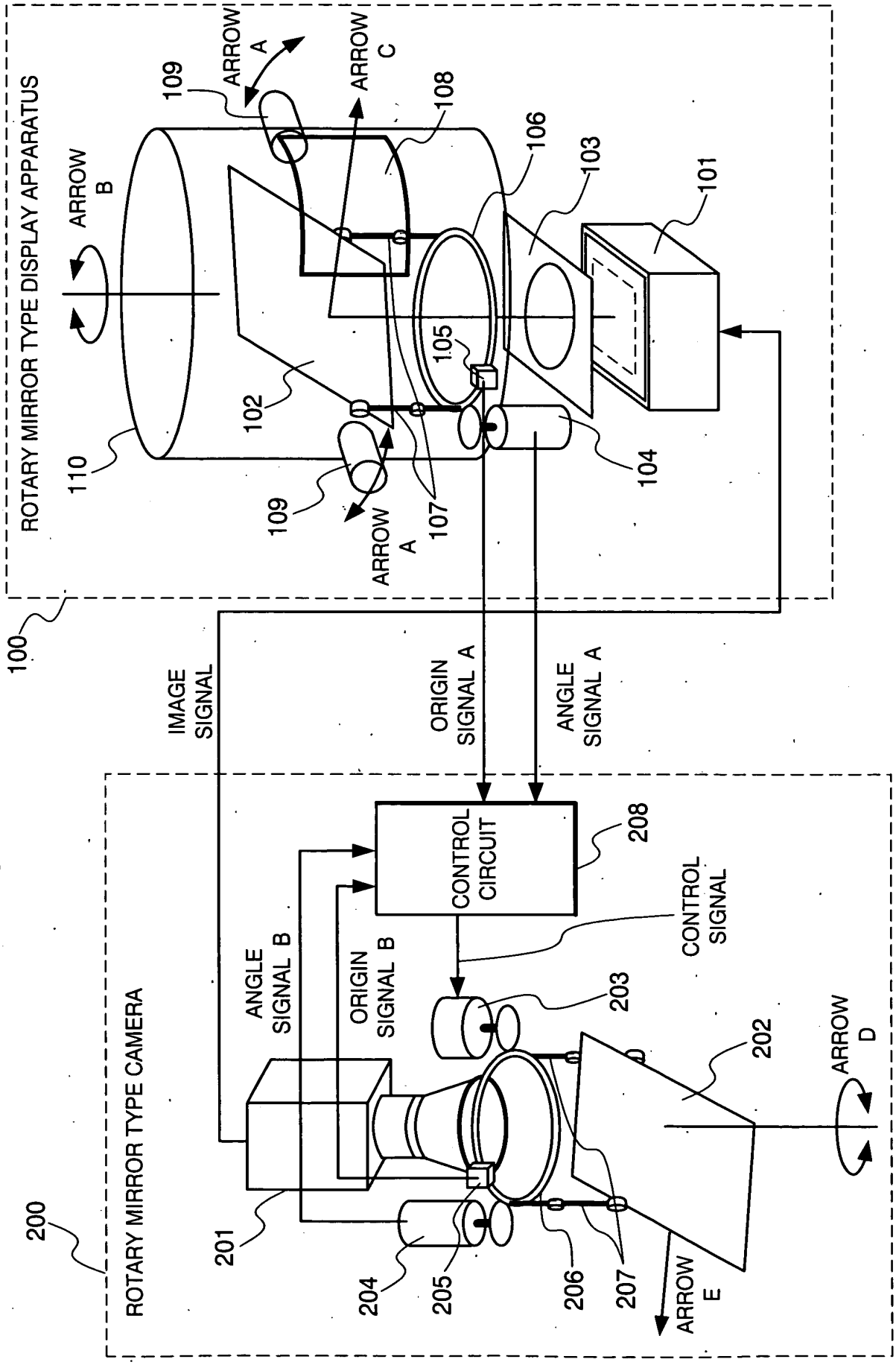

ROTARY MIRROR TYPE DISPLAY APPARATUS
ARROW A
ARROW B
ARROW C
ARROW A
109
108
106
103
101
105
102
110
109
107
104
100
IMAGE SIGNAL
ORIGIN SIGNAL A
ANGLE SIGNAL A
CONTROL CIRCUIT
208
CONTROL SIGNAL
ANGLE SIGNAL B
ORIGIN SIGNAL B
203
202
ARROW D
ROTARY MIRROR TYPE CAMERA
200
201
204
205
206
207
ARROW E

FIG. 3

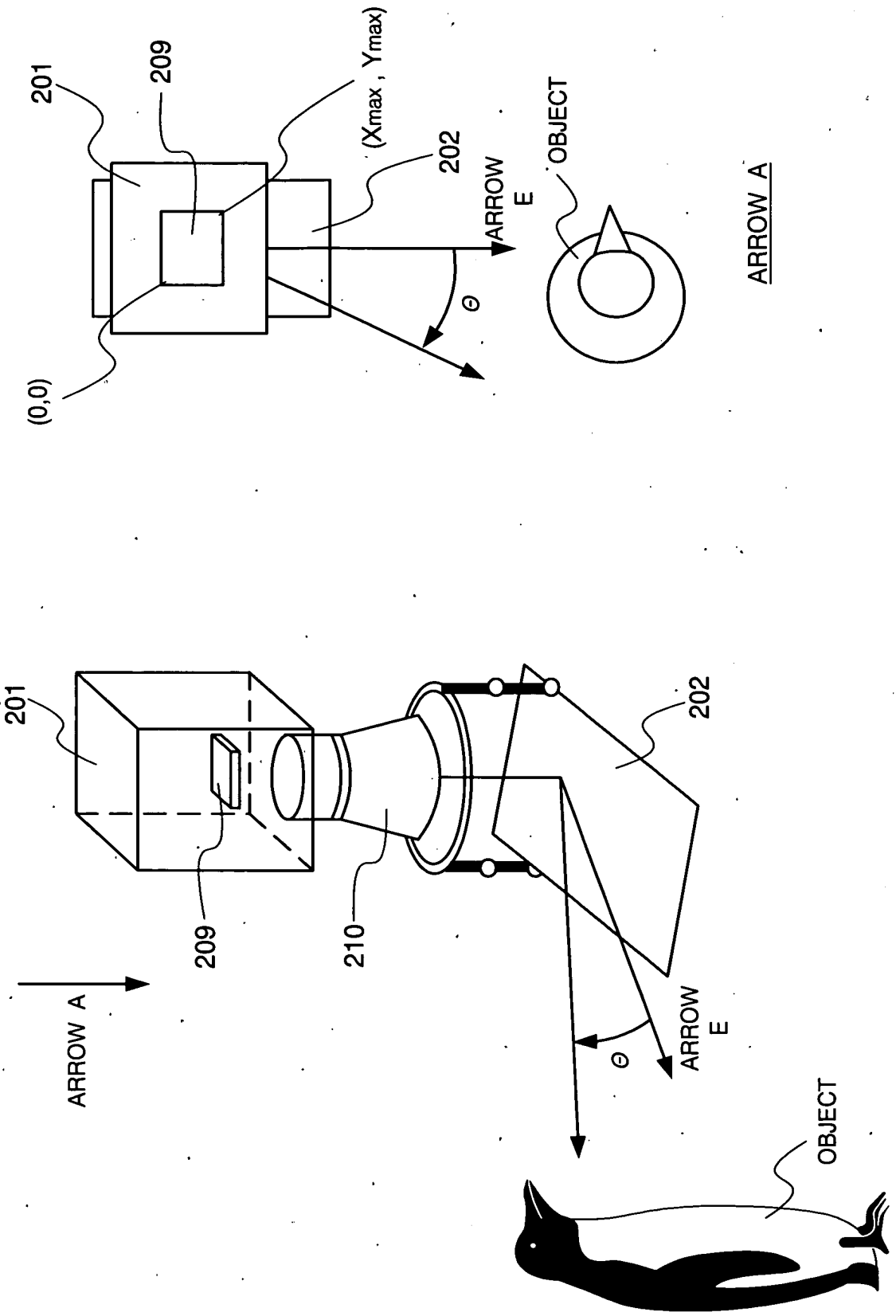
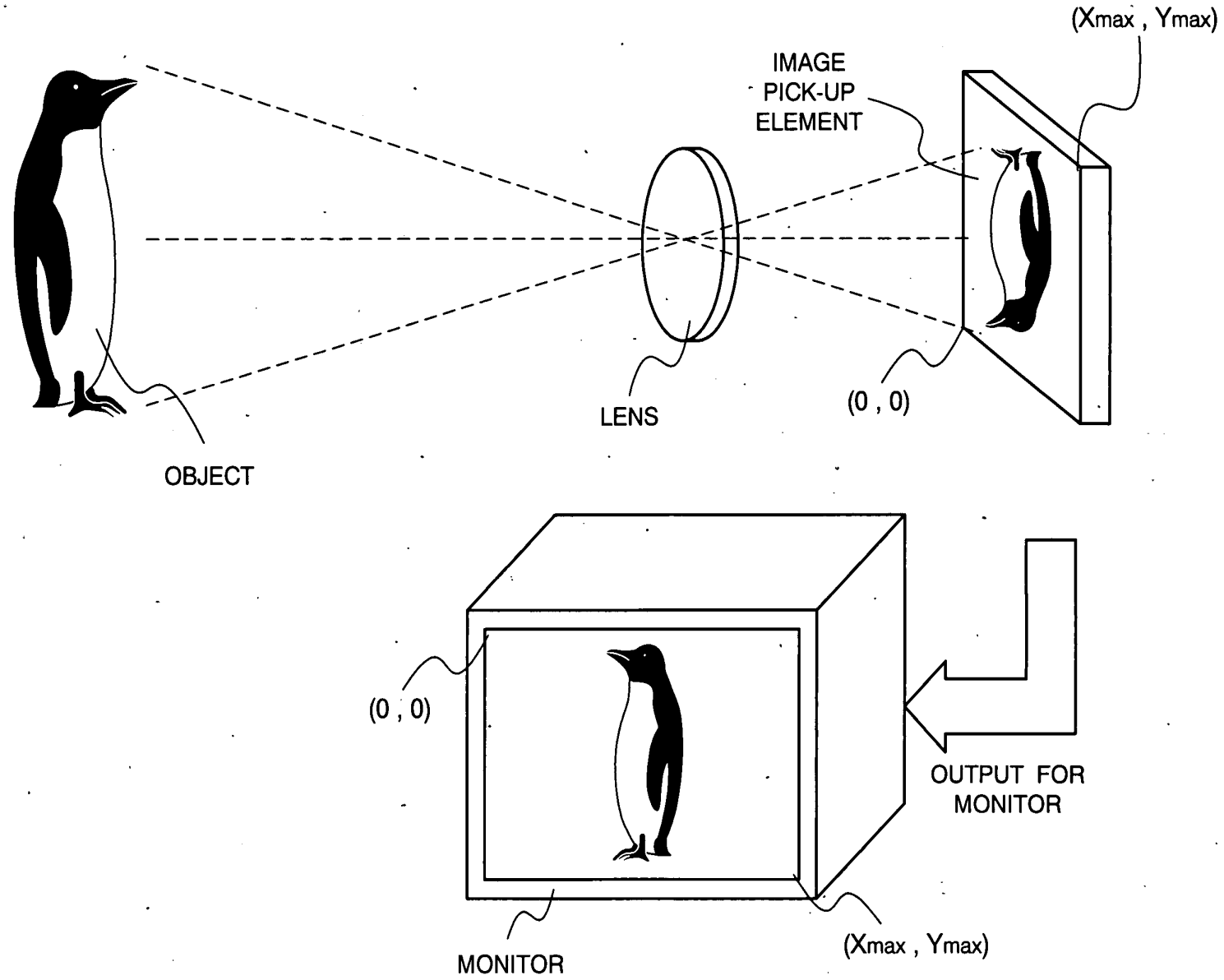

201
209
(Xmax , Ymax)
202
ARROW E
OBJECT
(0,0)
Θ
ARROW A
201
202
209
210
ARROW A
ARROW E
Θ
OBJECT

FIG. 4


(Xmax , Ymax)
IMAGE
PICK-UP
ELEMENT
LENS
(0 , 0)
OBJECT
(0 , 0)
OUTPUT FOR
MONITOR
MONITOR
(Xmax , Ymax)

DOCKET: F2020/60

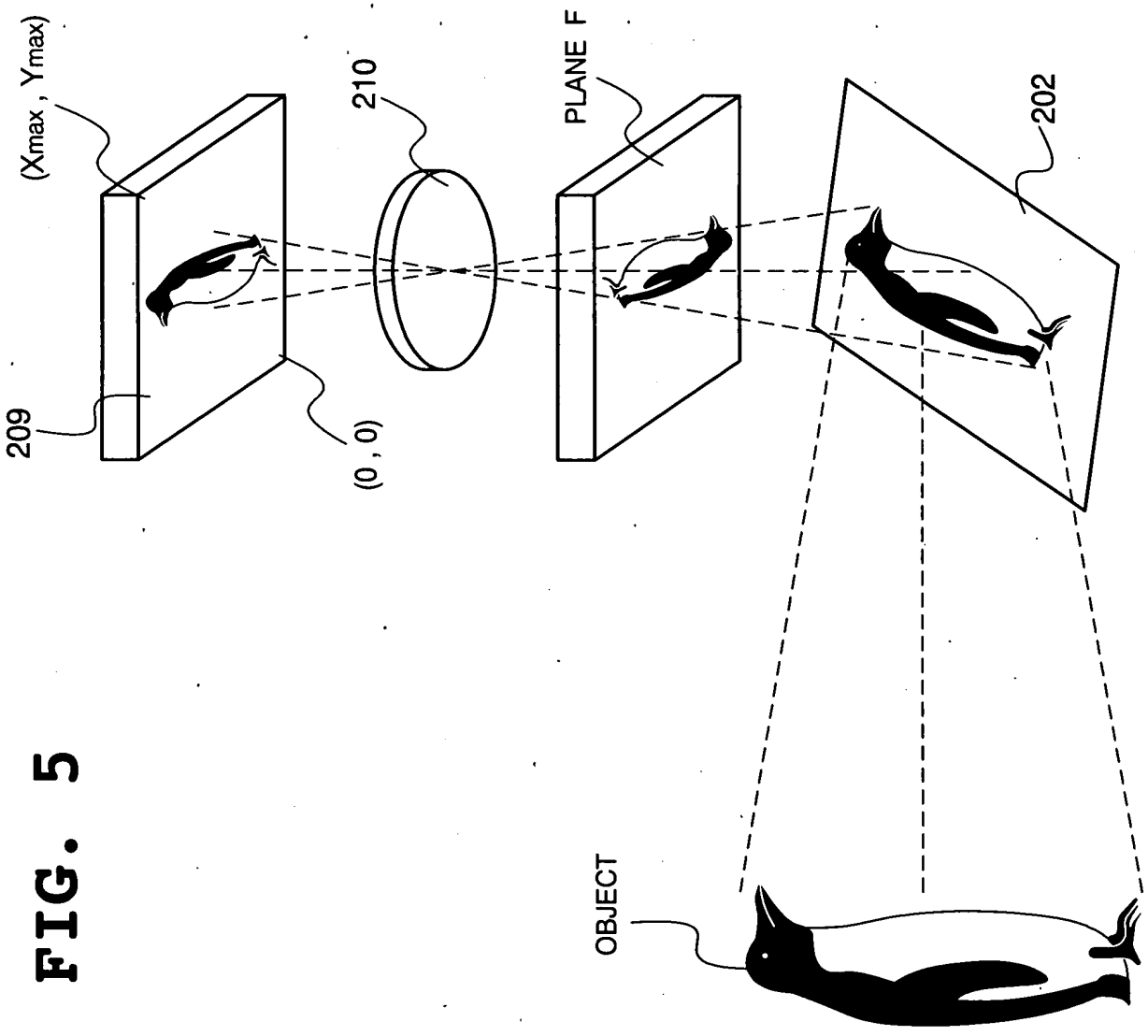


FIG. 5

FIG. 6

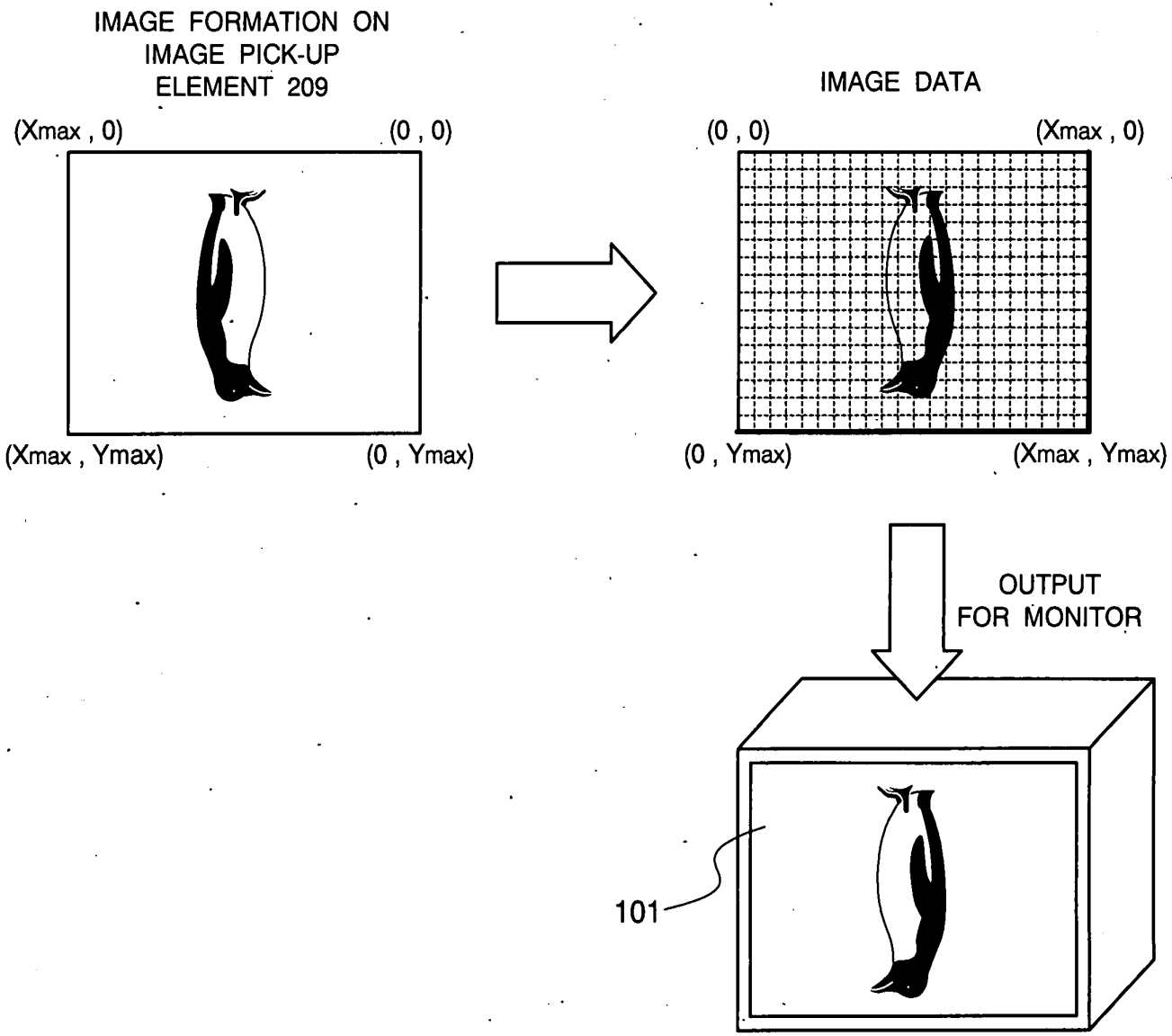


IMAGE FORMATION ON
IMAGE PICK-UP
ELEMENT 209
(Xmax , 0)
(0 , 0)
(Xmax , Ymax)
(0 , Ymax)
IMAGE DATA
(0 , 0)
(Xmax , 0)
(0 , Ymax)
(Xmax , Ymax)
OUTPUT
FOR MONITOR
101

DOCKET NO. 2003-0650

FIG. 7

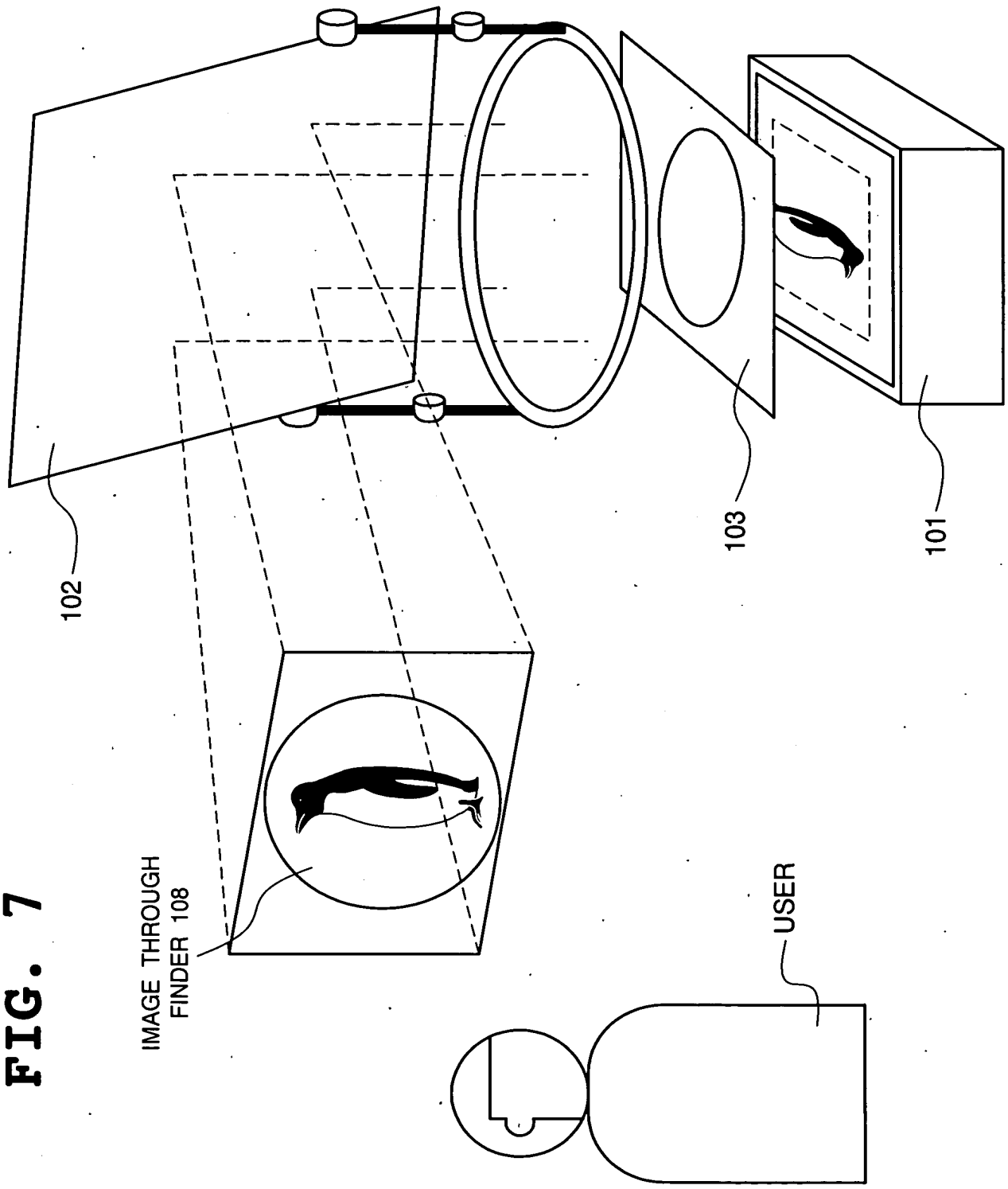


FIG. 8

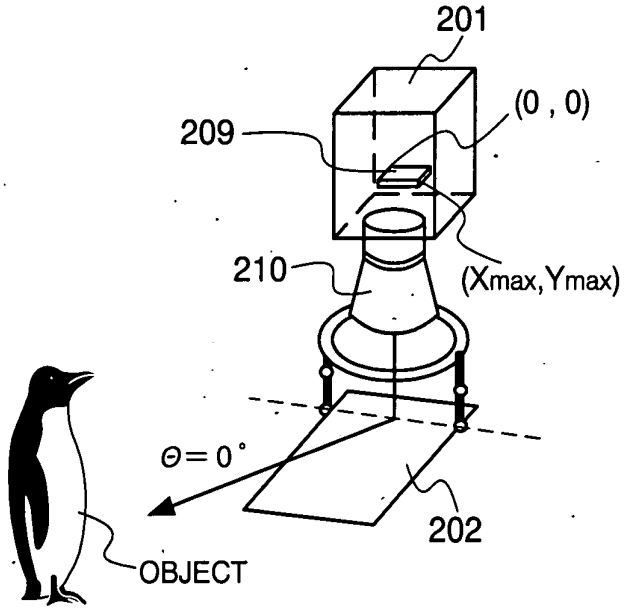
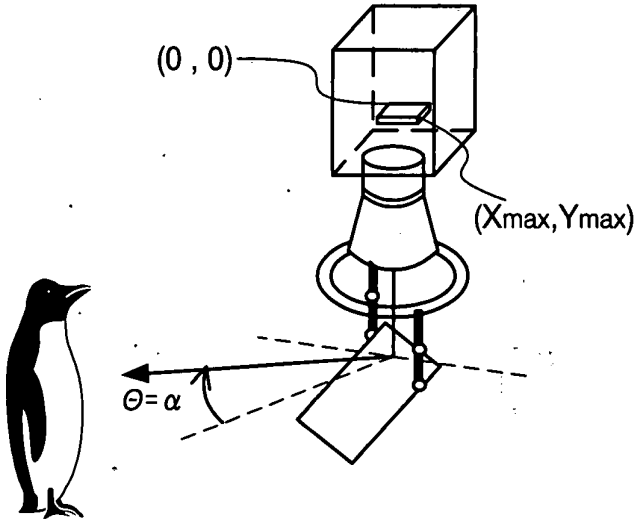
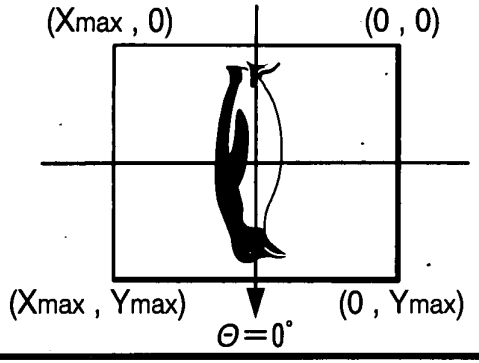
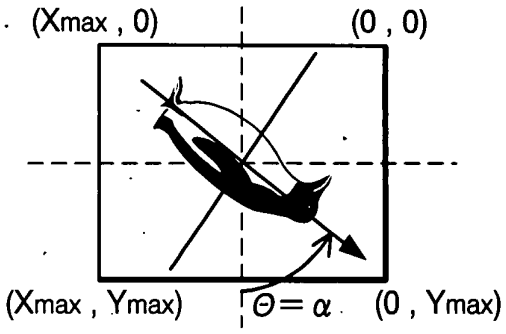
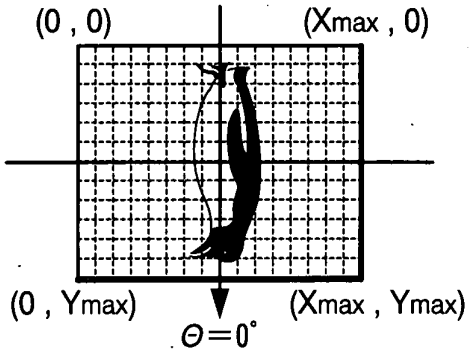
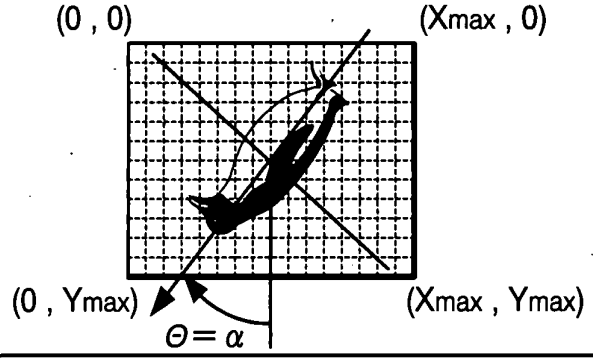
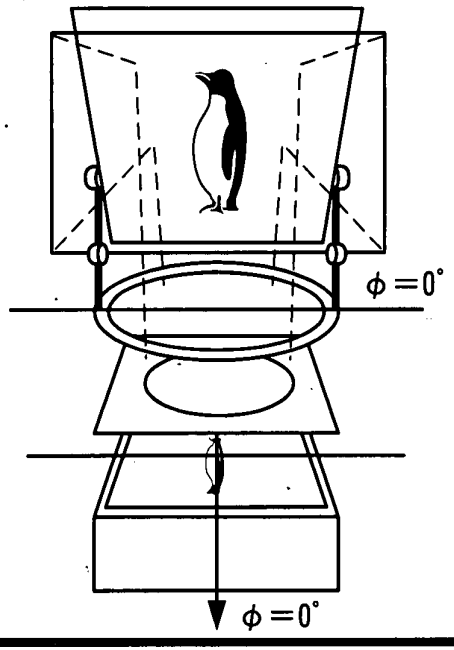
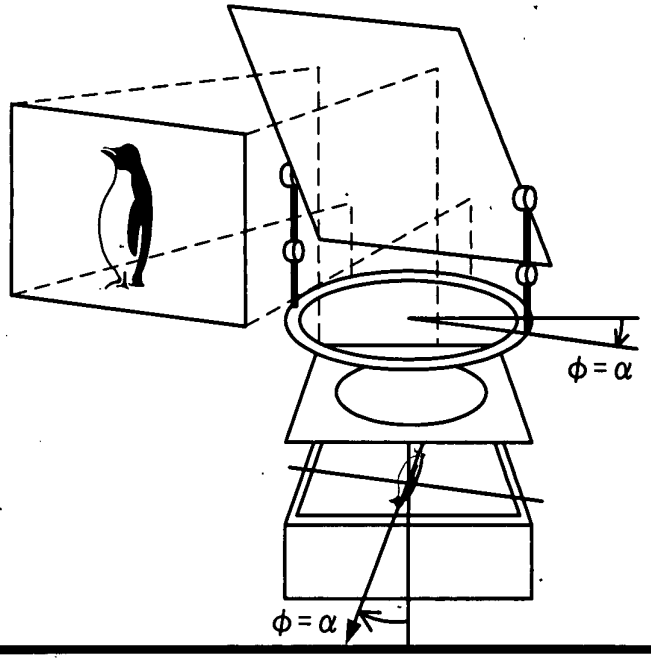
	ANGULAR POSITION OF MIRROR θ = 0°	MIRROR IS ROTATED OVER θ = α
BEHAVIOR OF ROTARY MIRROR TYPE CAMERA 200		
MANNER OF IMAGE FORMATION ON IMAGE PICK-UP ELEMENT 209 AS VIEWED FROM PHOTOSENSITIVE SURFACE SIDE		

FIG. 9

	ANGULAR POSITION OF MIRROR θ = 0°	MIRROR IS ROTATED OVER θ = α
INPUT IMAGE TO MONITOR 101 TRANSMITTED FROM CAMERA 201		
DISPLAY IMAGE TO BE SEEN ACROSS MONITOR 101 AND FINDER 108		

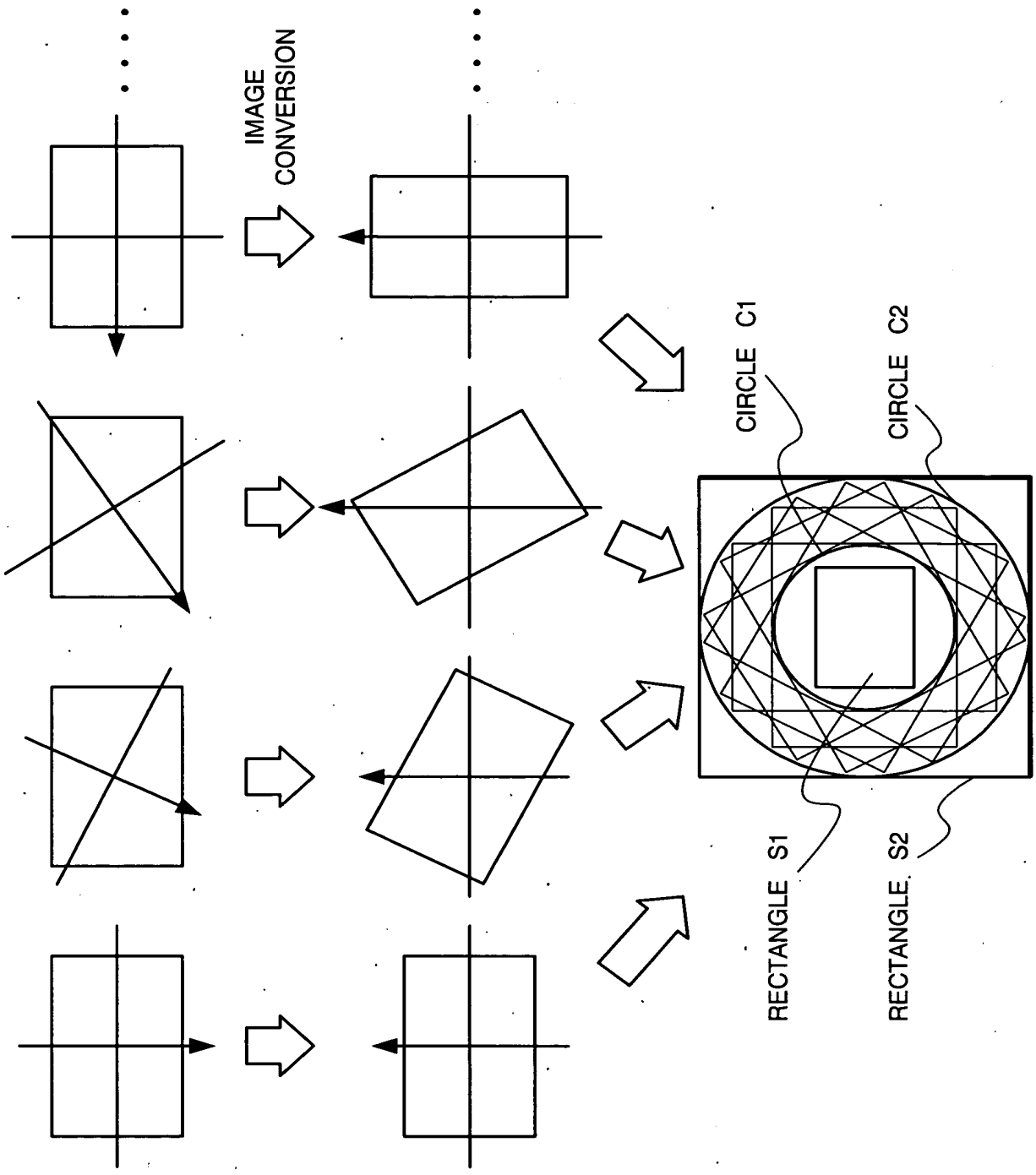
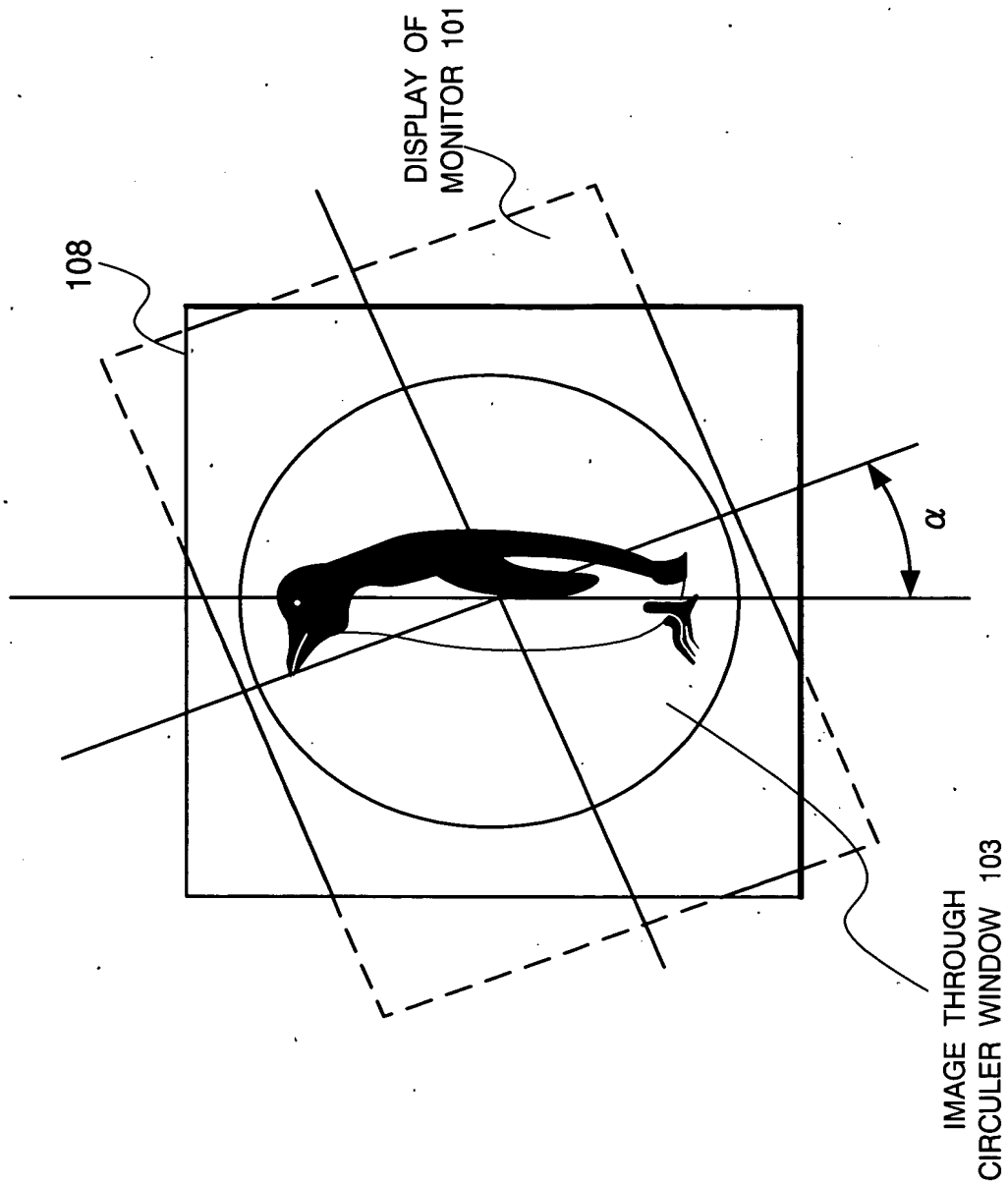


IMAGE CONVERSION
CIRCLE C1
CIRCLE C2
RECTANGLE S1
RECTANGLE S2
DISPLAY IMAGE OF MONITOR 101
IMAGE THROUGH FINDER 108

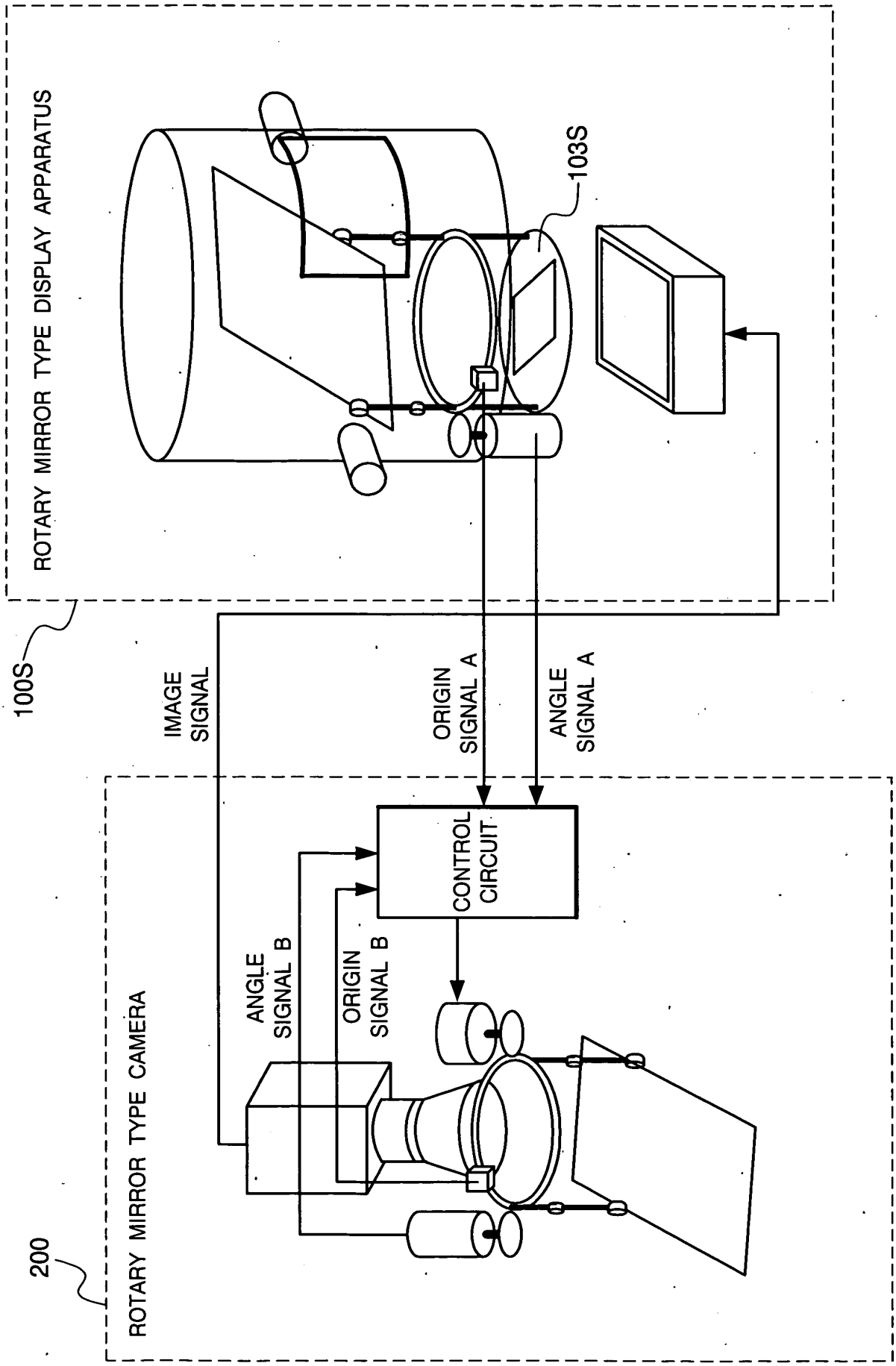
FIG.10

FIG.11


DISPLAY OF
MONITOR 101
108
α
IMAGE THROUGH
CIRCULER WINDOW 103

0000T 1020050

FIG.12



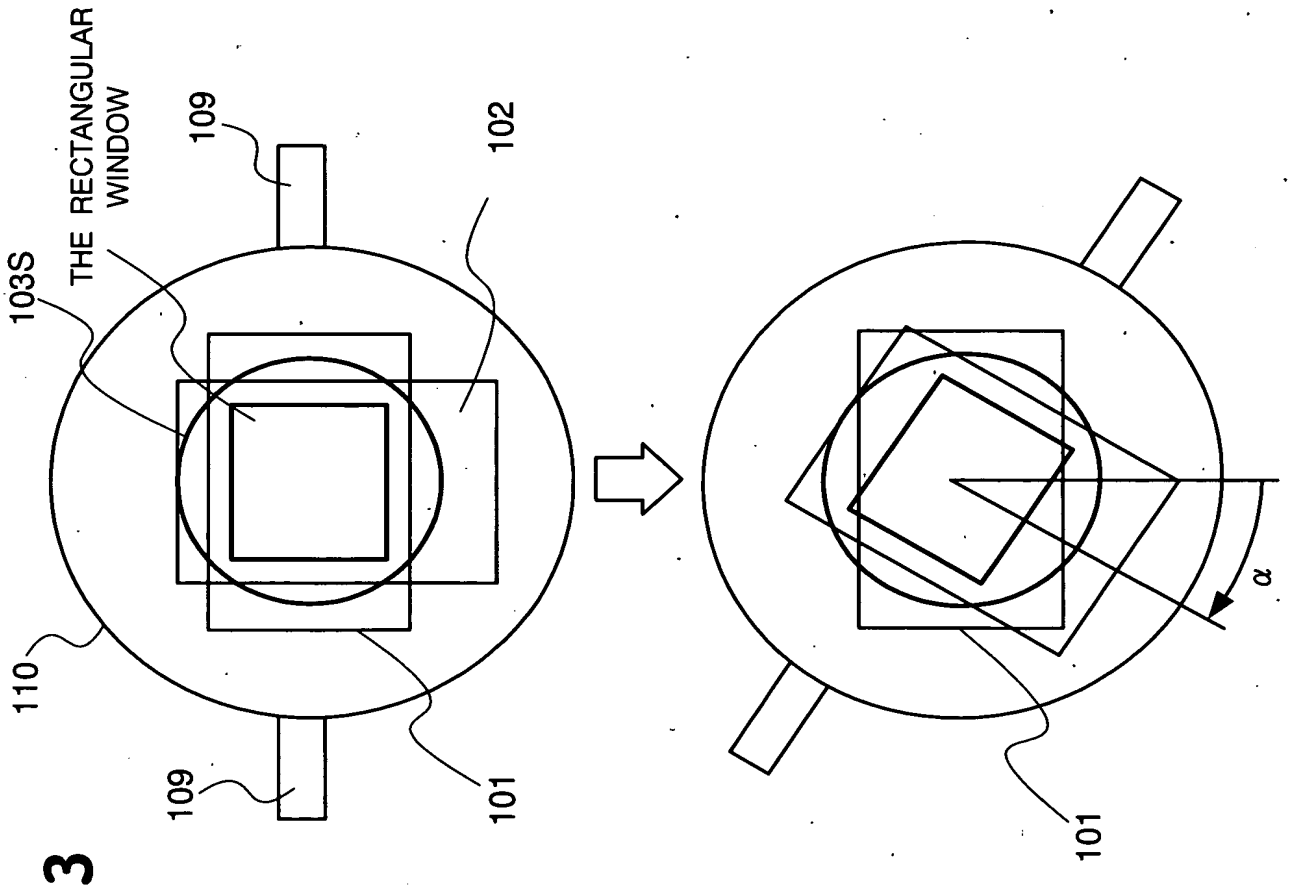


FIG. 13

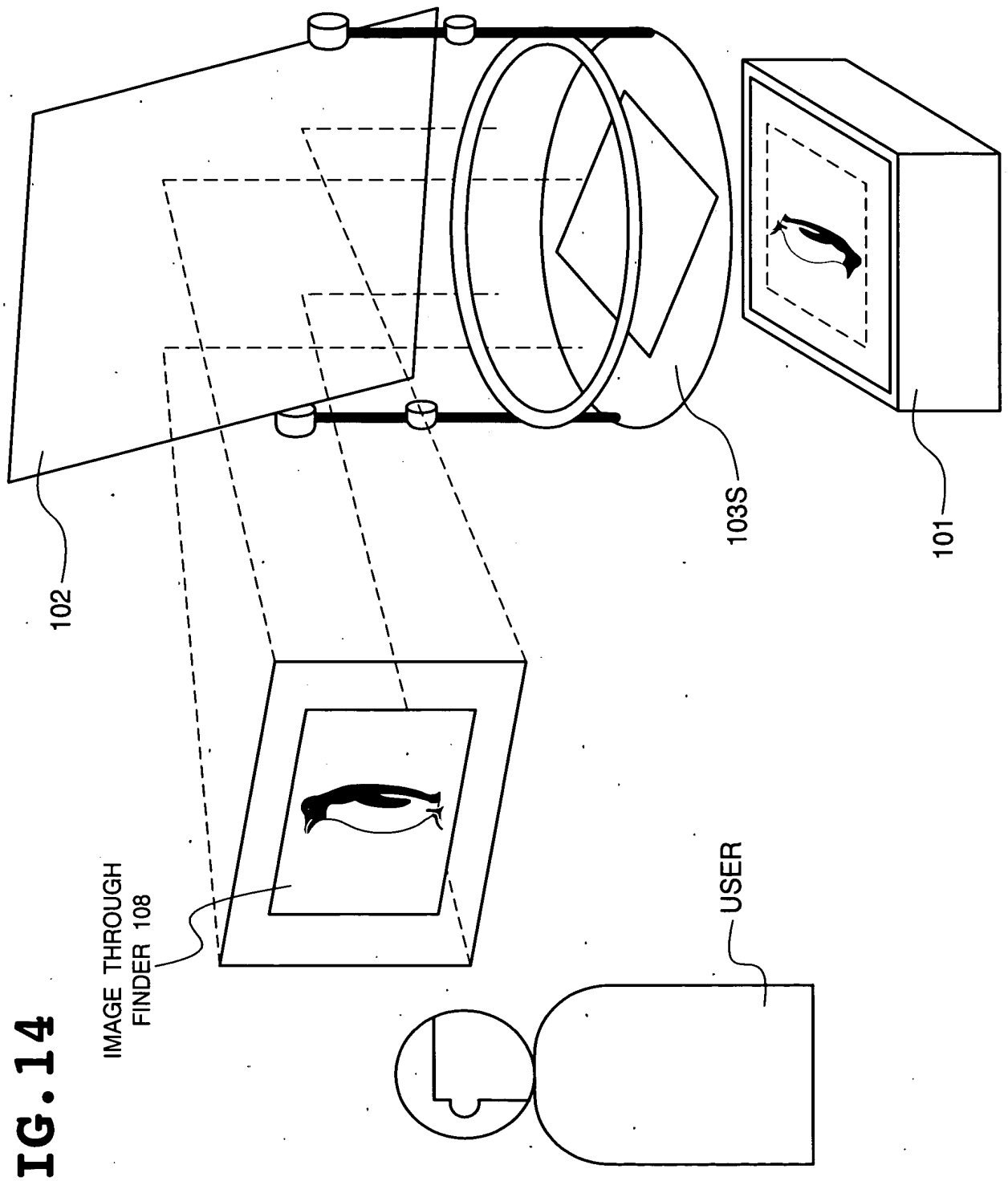
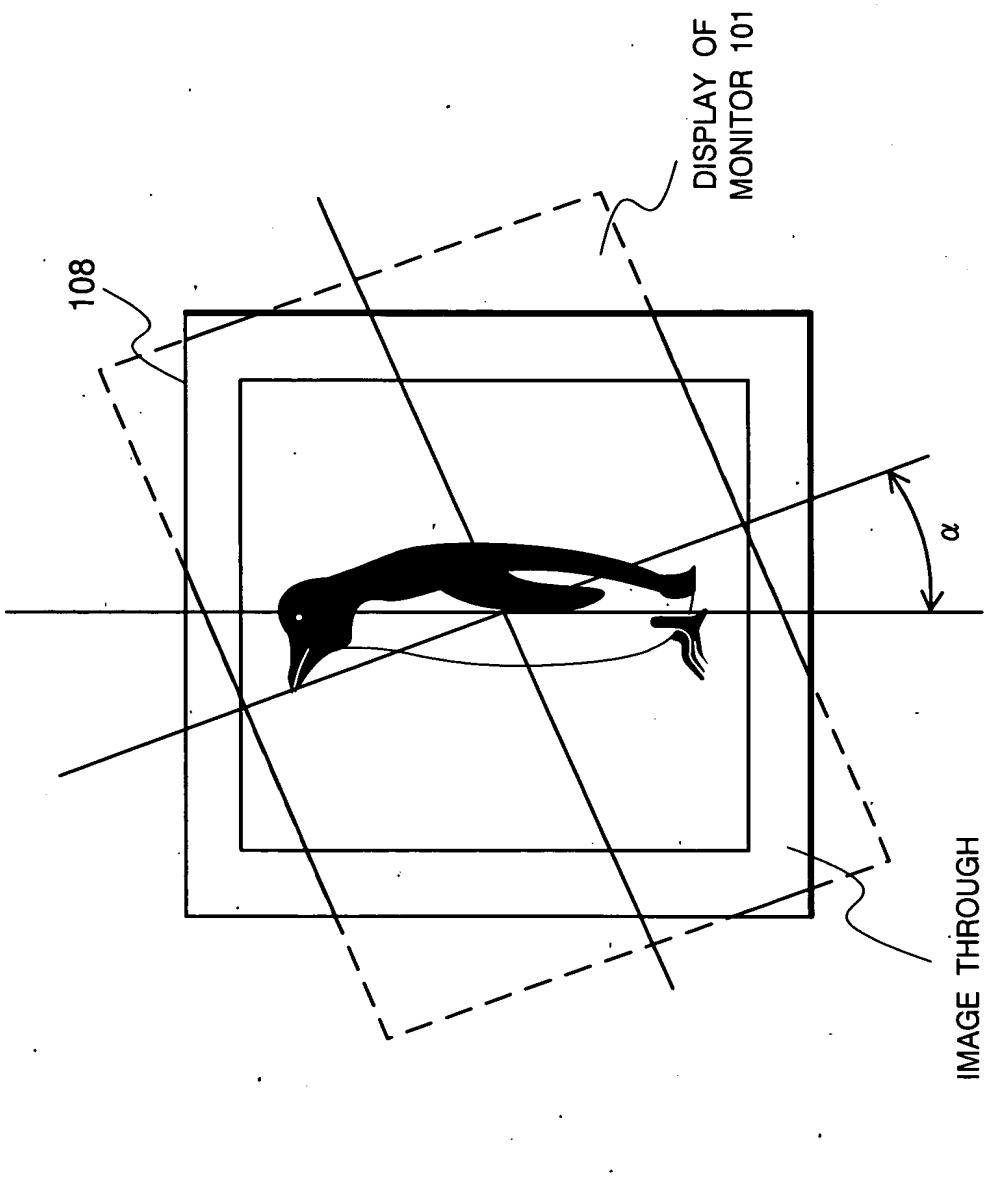


FIG.14

FIG.15


DISPLAY OF
MONITOR 101
108
α
IMAGE THROUGH
RECTANGULAR WINDOW 103S

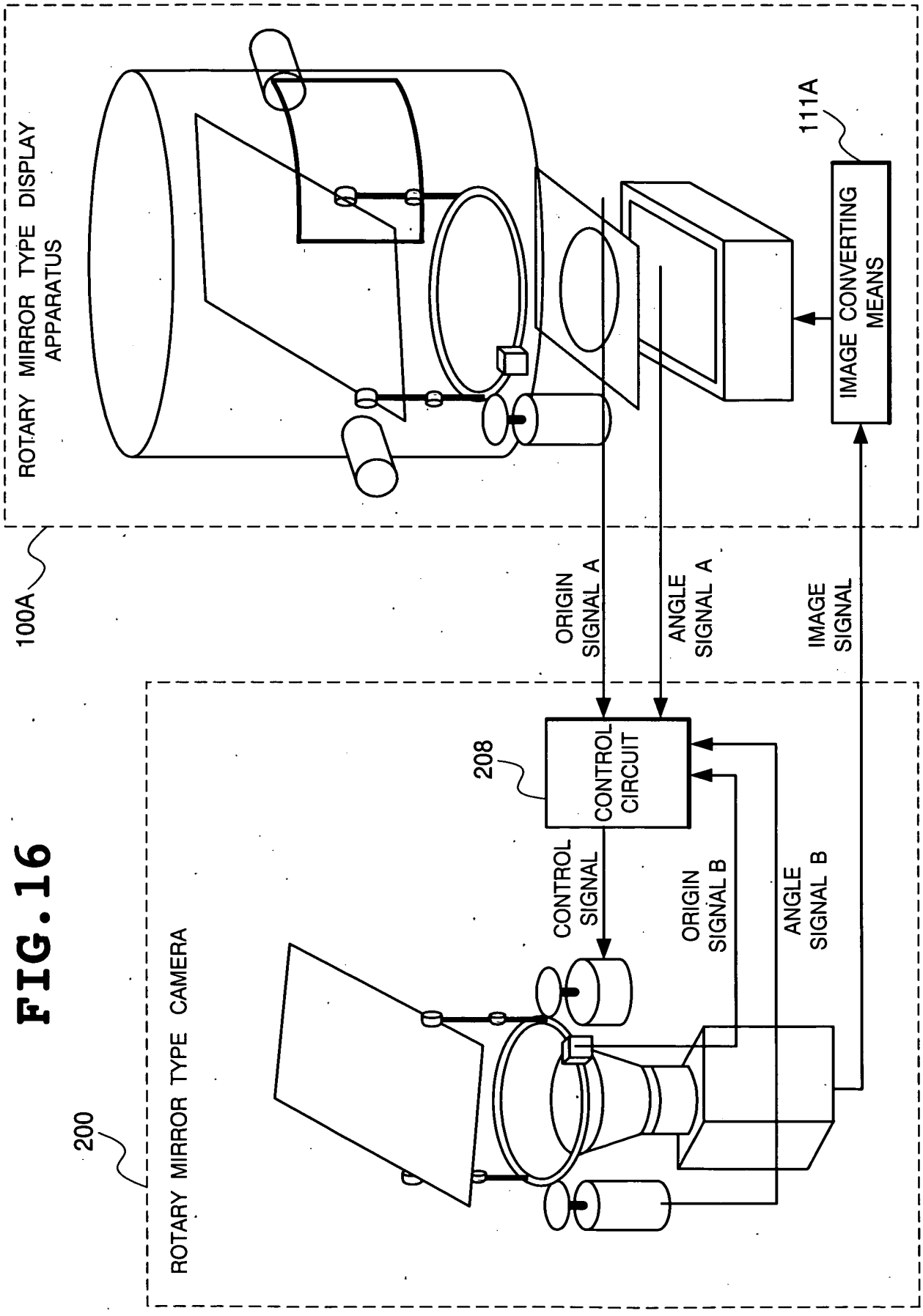

ROTARY MIRROR TYPE DISPLAY APPARATUS
111A
IMAGE CONVERTING MEANS
100A
ORIGIN SIGNAL A
ANGLE SIGNAL A
IMAGE SIGNAL
208
CONTROL CIRCUIT
CONTROL SIGNAL
ORIGIN SIGNAL B
ANGLE SIGNAL B
200
ROTARY MIRROR TYPE CAMERA

FIG. 16

FIG.17

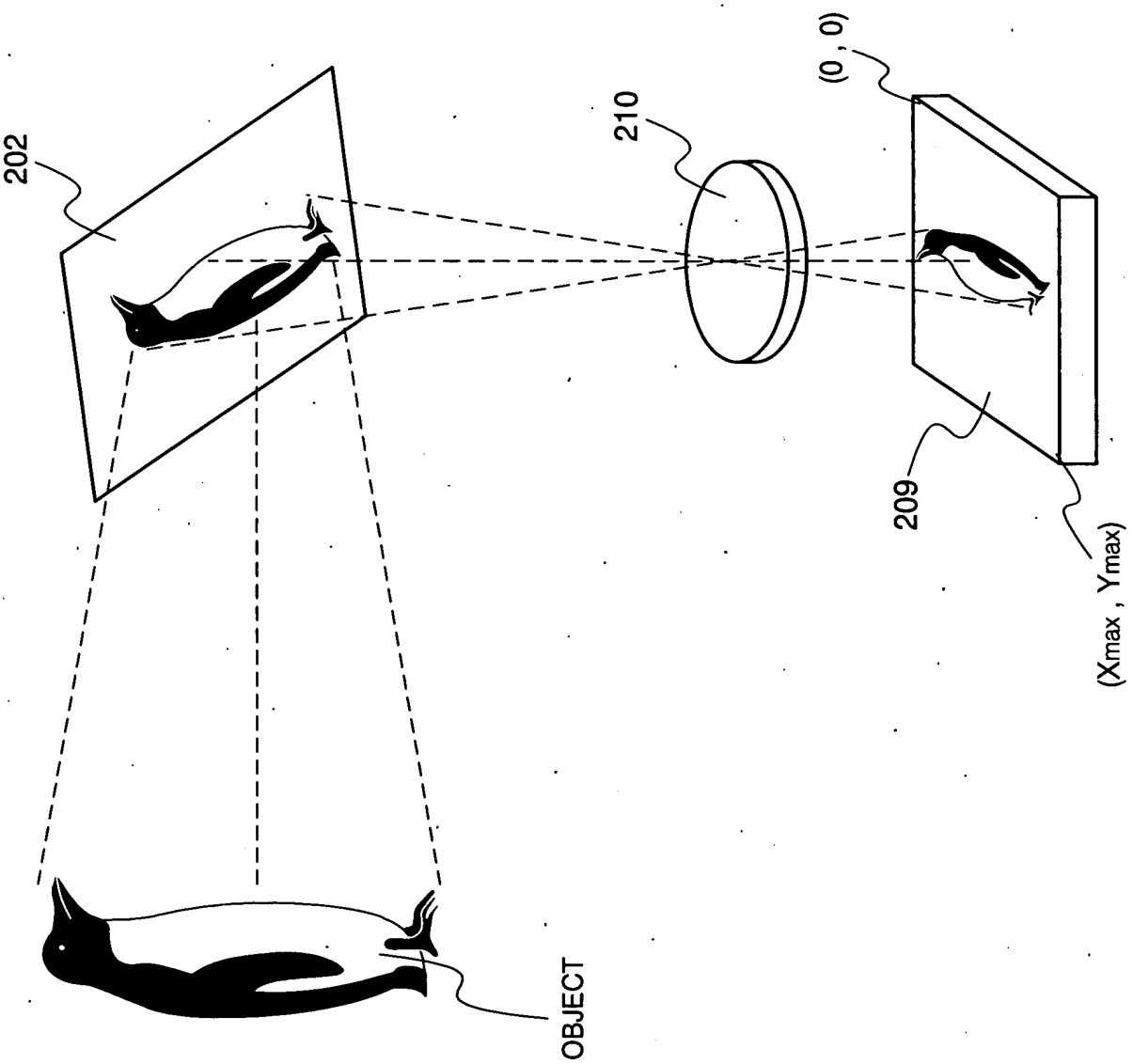


FIG.18

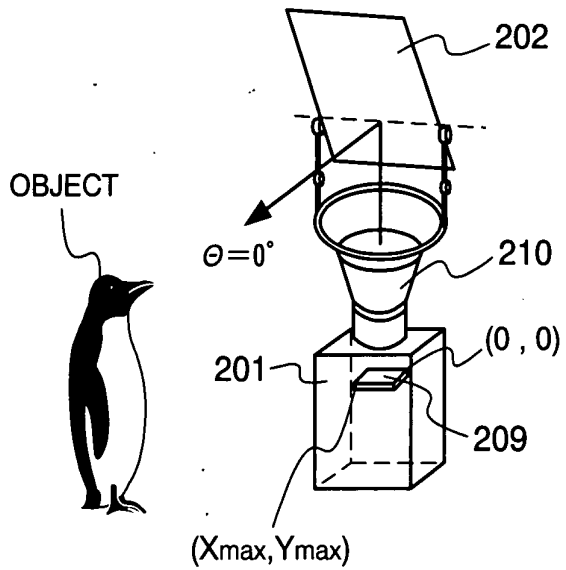
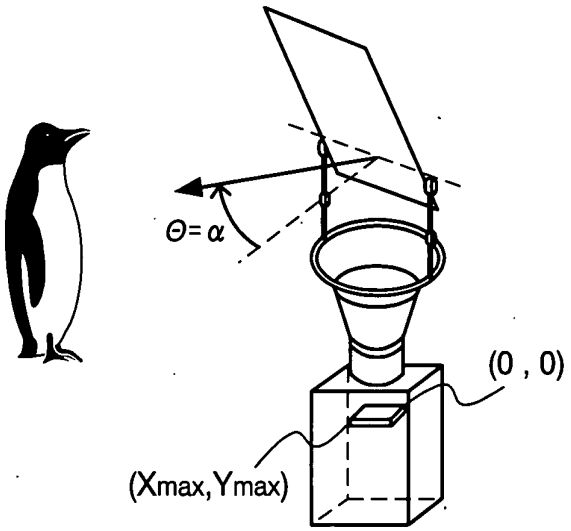
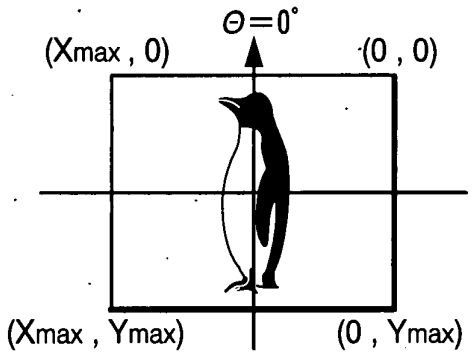
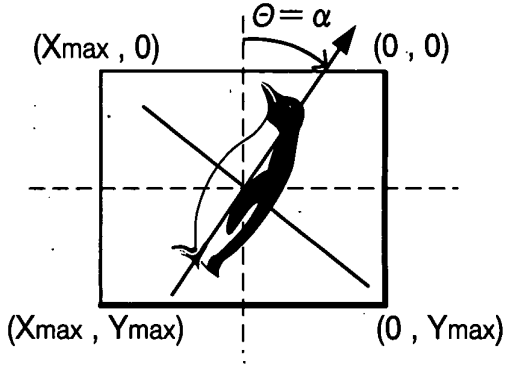
	ANGULAR POSITION OF MIRROR θ = 0°	MIRROR IS ROTATED OVER θ = α
CONDITION OF ROTARY MIRROR TYPE CAMERA 200		
MANNER OF IMAGE FORMATION ON IMAGE PICK-UP ELEMENT 209 AS VIEWED FROM PHOTOSENSITIVE SURFACE SIDE		

FIG.19

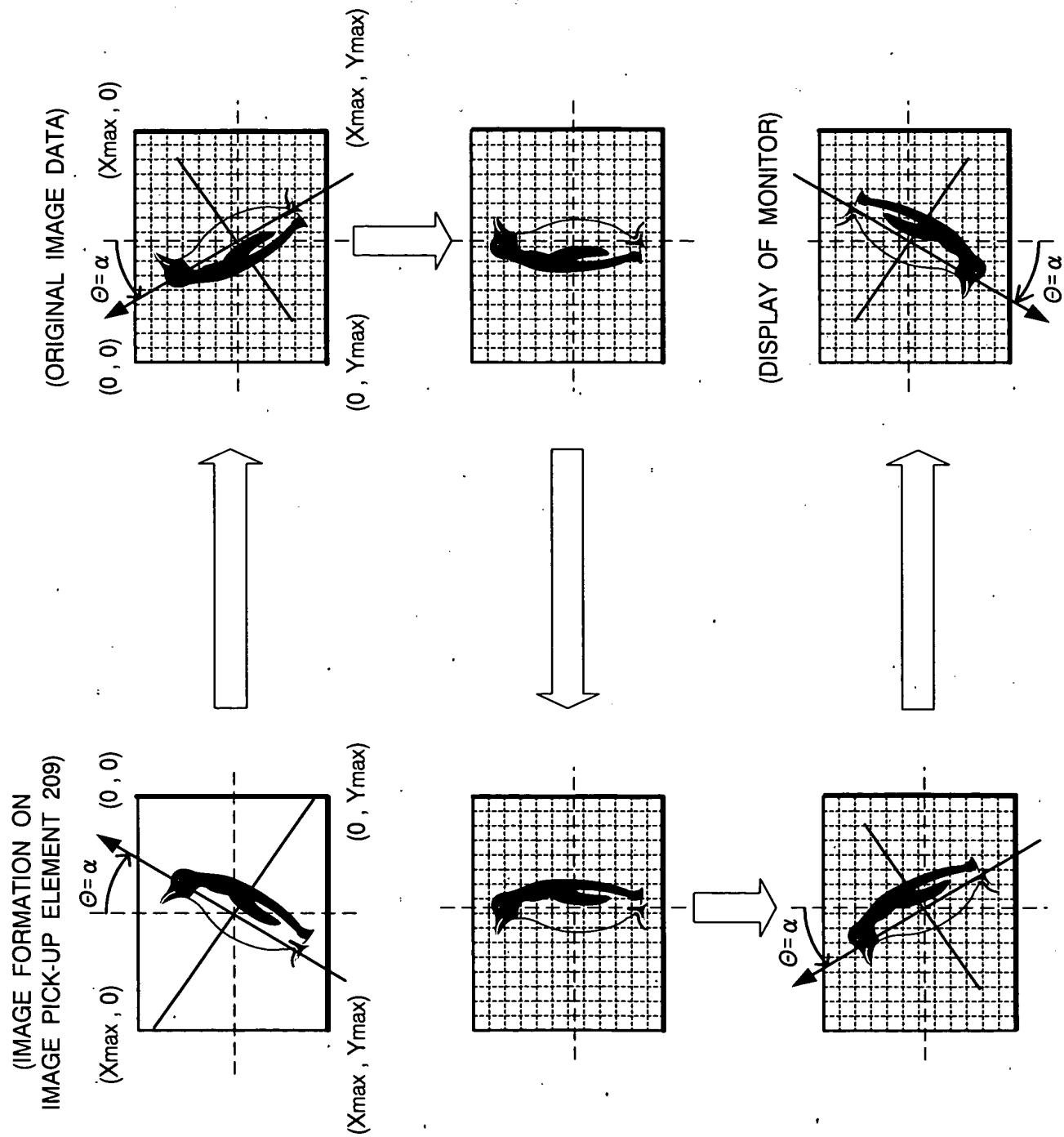

(ORIGINAL IMAGE DATA)
(Xmax , 0)
(Xmax , Ymax)
(0 , 0)
(0 , Ymax)
Θ= α
(DISPLAY OF MONITOR)
(IMAGE FORMATION ON
IMAGE PICK-UP ELEMENT 209)
(0 , 0)
(0 , Ymax)
(Xmax , 0)
(Xmax , Ymax)
Θ= α

FIG.20

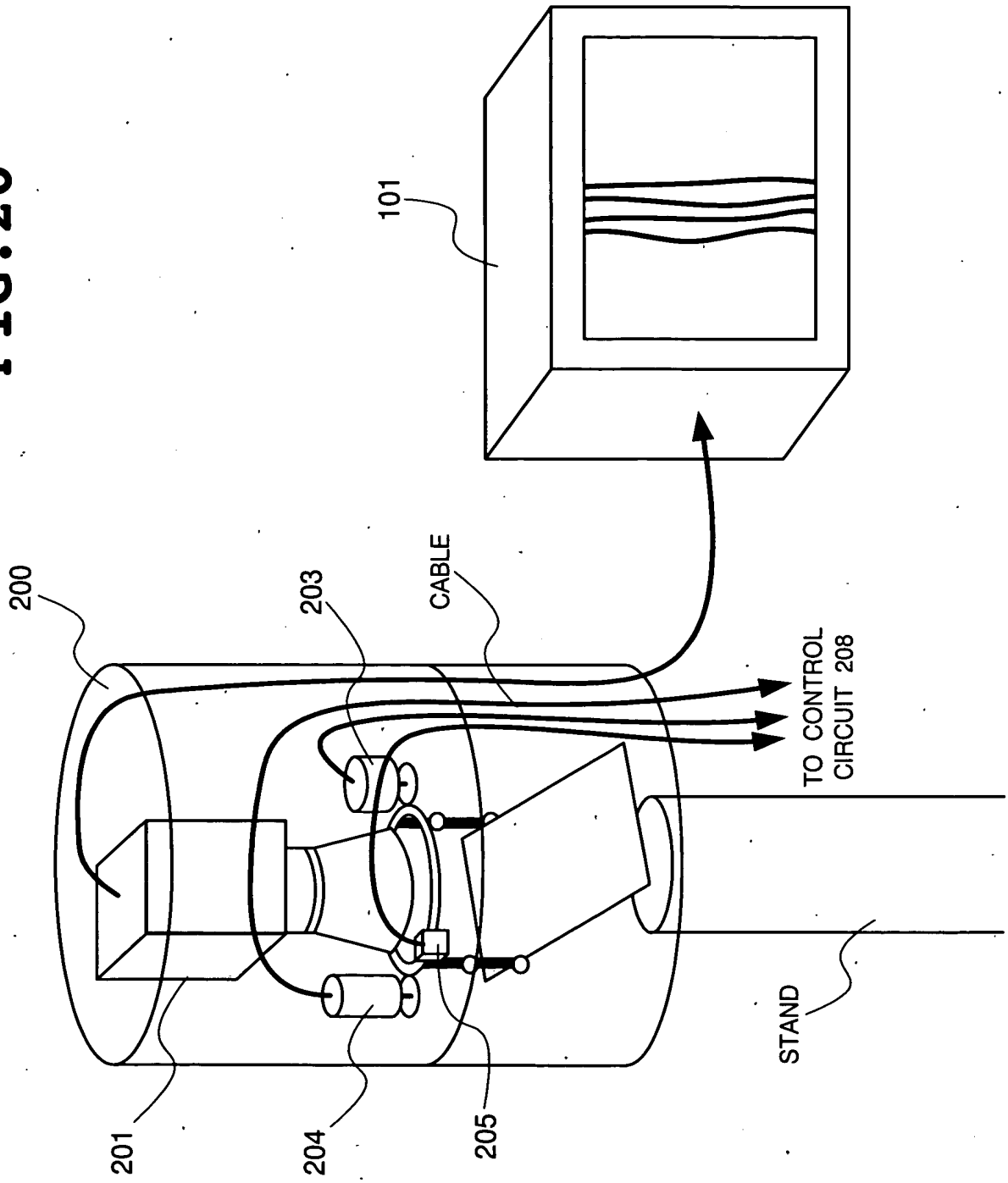
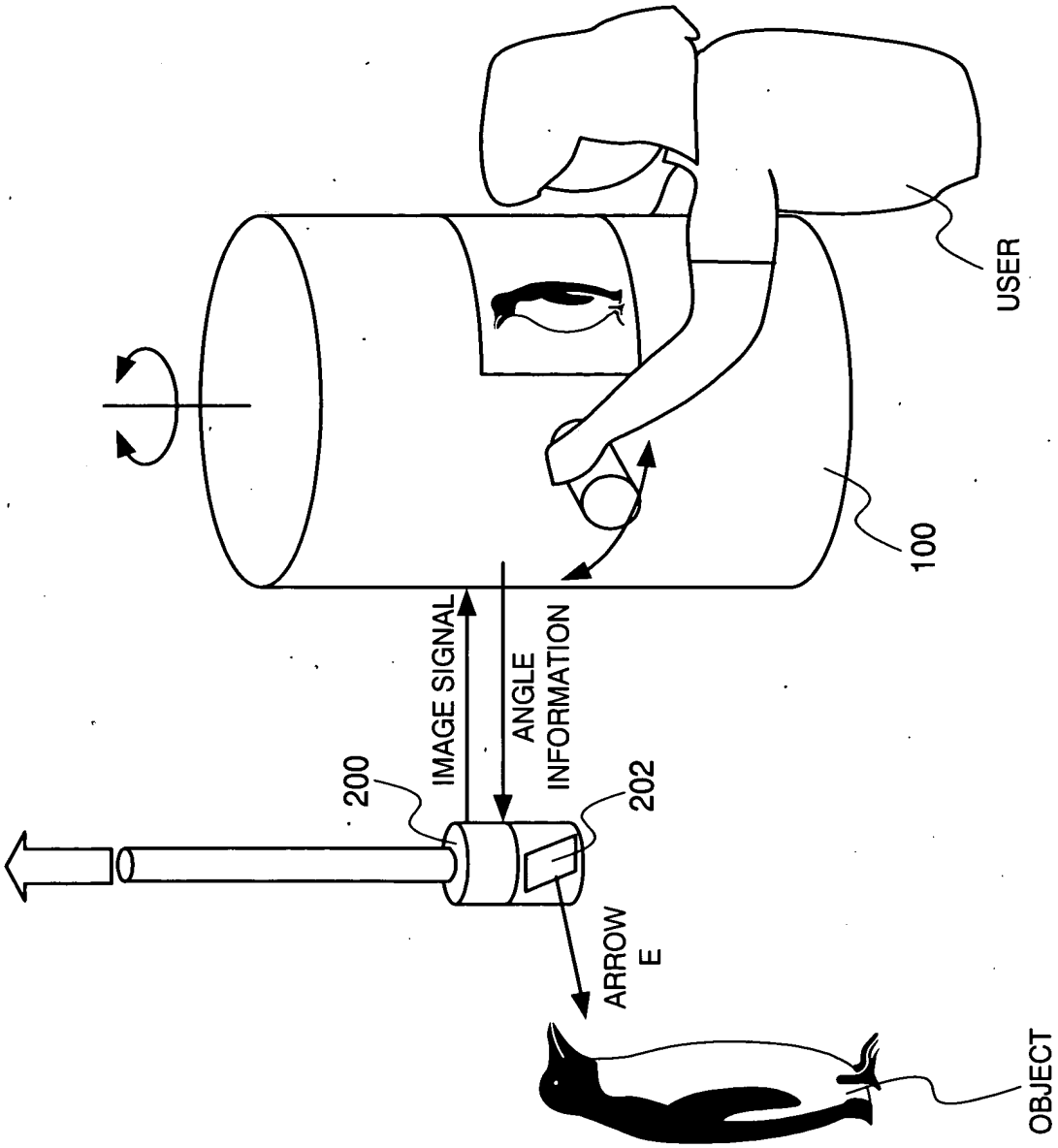


FIG.21


USER
100
IMAGE SIGNAL
ANGLE INFORMATION
200
202
ARROW E
OBJECT

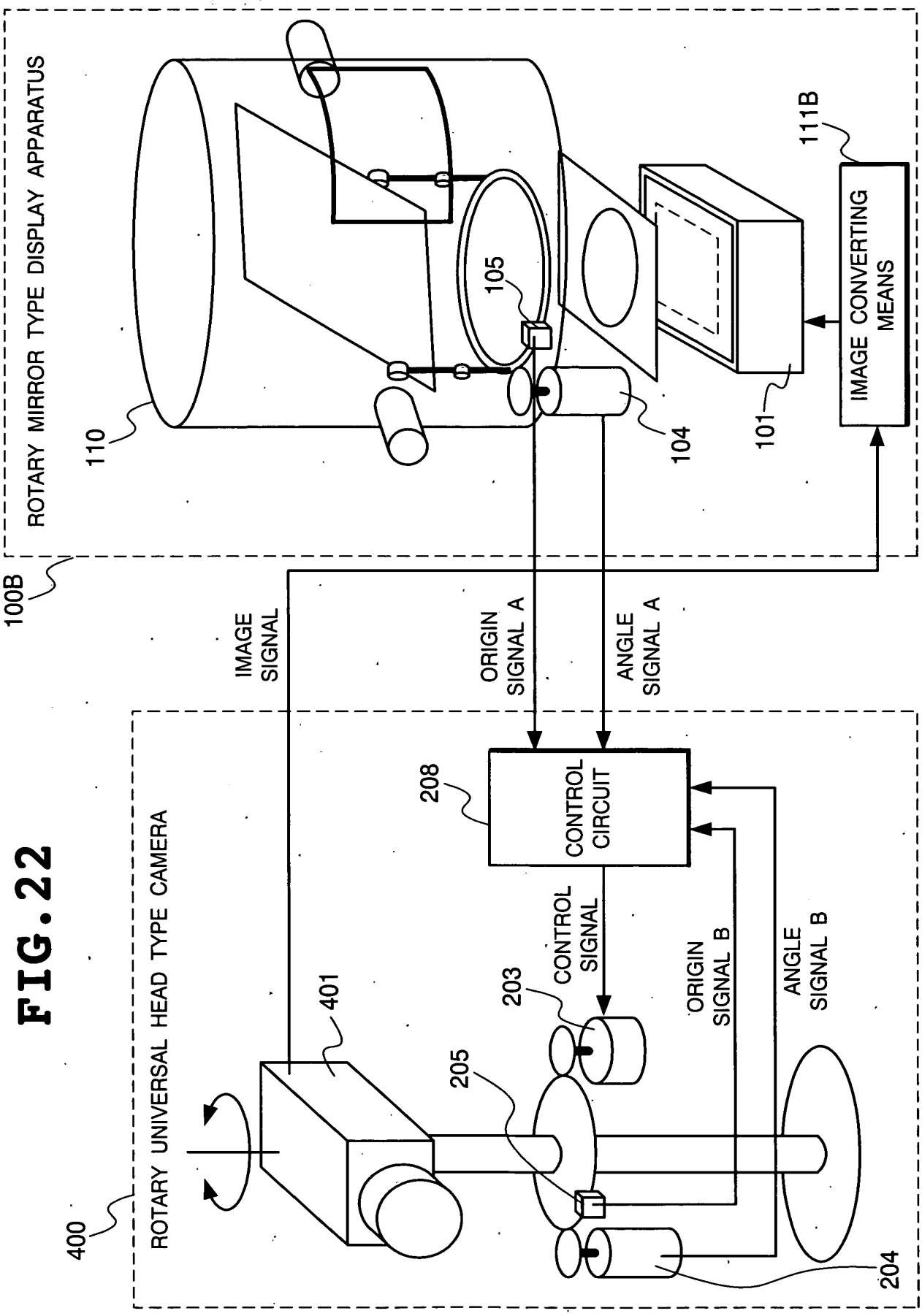

ROTARY MIRROR TYPE DISPLAY APPARATUS
100B
110
105
104
101
111B
IMAGE CONVERTING MEANS
IMAGE SIGNAL
ORIGIN SIGNAL A
ANGLE SIGNAL A
ROTARY UNIVERSAL HEAD TYPE CAMERA
400
208
CONTROL CIRCUIT
401
203
CONTROL SIGNAL
205
ORIGIN SIGNAL B
ANGLE SIGNAL B
204

FIG.22

FIG.23

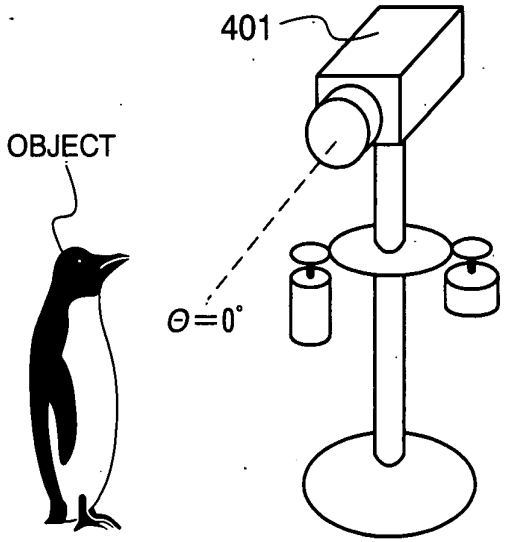
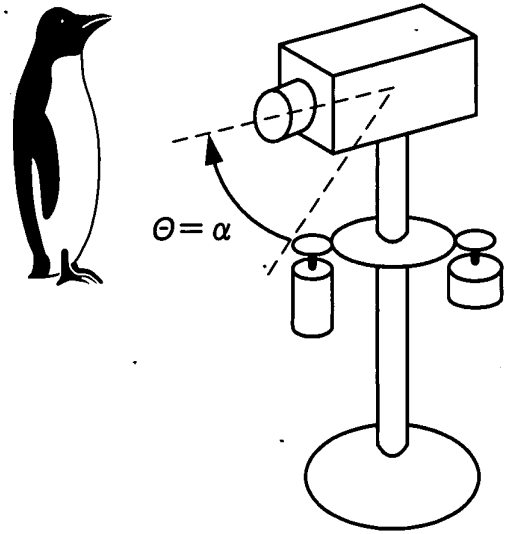
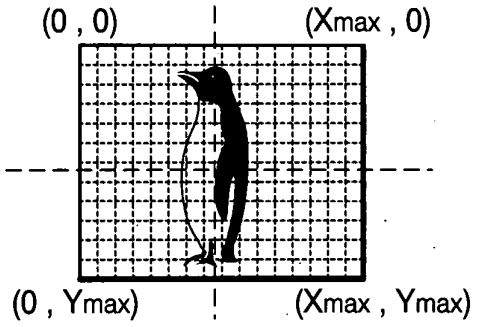
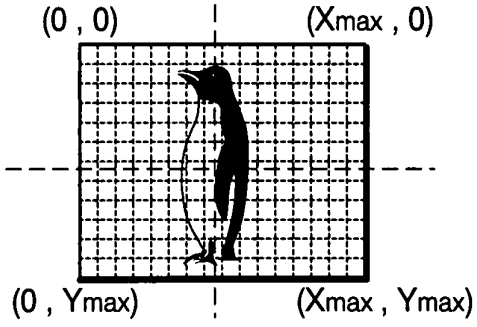
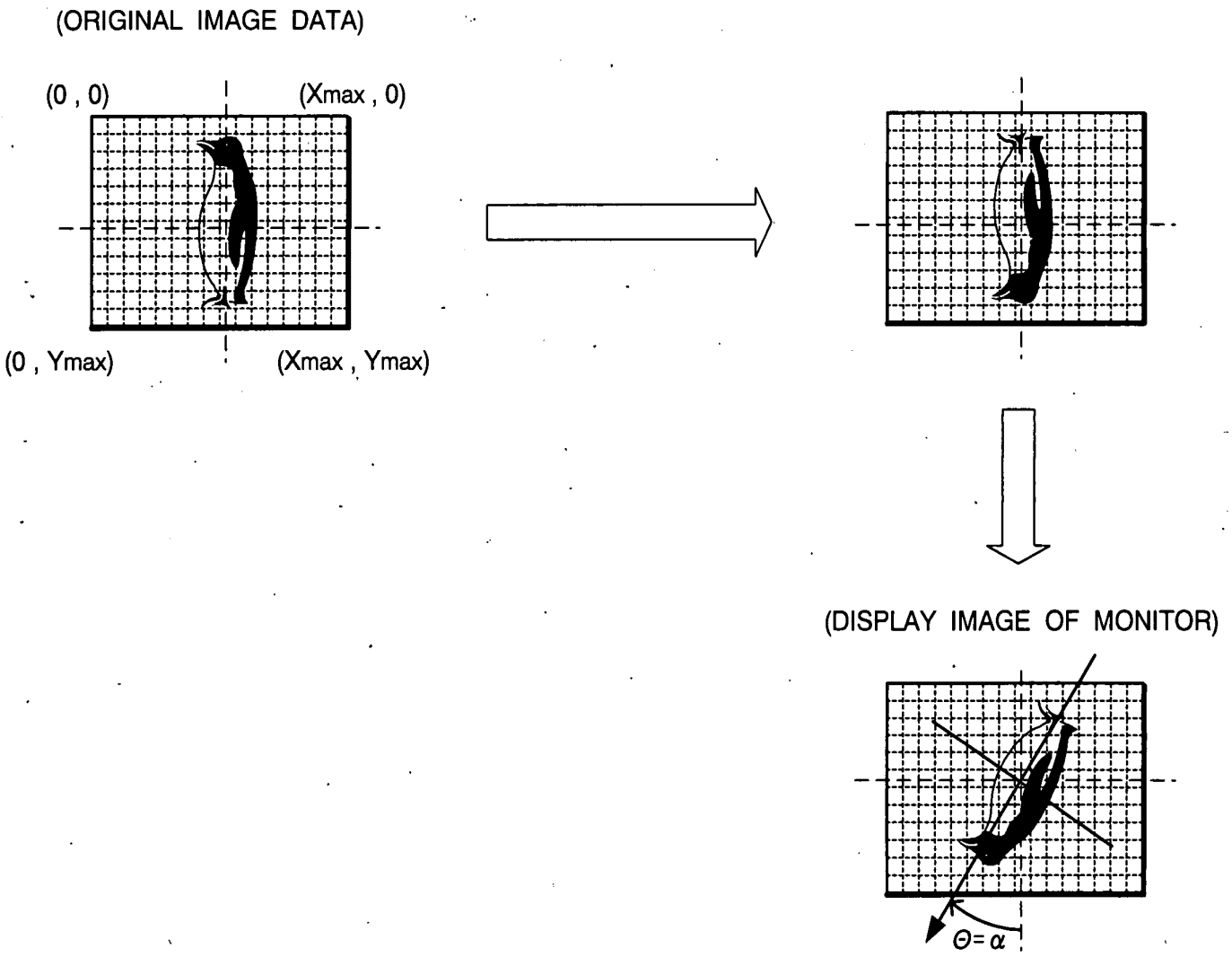
	ANGULAR POSITION OF CAMERA 401 θ = 0°	CAMERA 401 IS ROTATED OVER θ = α
CONDITION OF ROTARY UNIVERSAL HEAD TYPE CAMERA 400		
ORIGINAL IMAGE OUTPUT FROM CAMERA 401		

FIG.24


(ORIGINAL IMAGE DATA)
(0 , 0)
(Xmax , 0)
(0 , Ymax)
(Xmax , Ymax)
(DISPLAY IMAGE OF MONITOR)
Θ=α

JP2007-264620

FIG.25

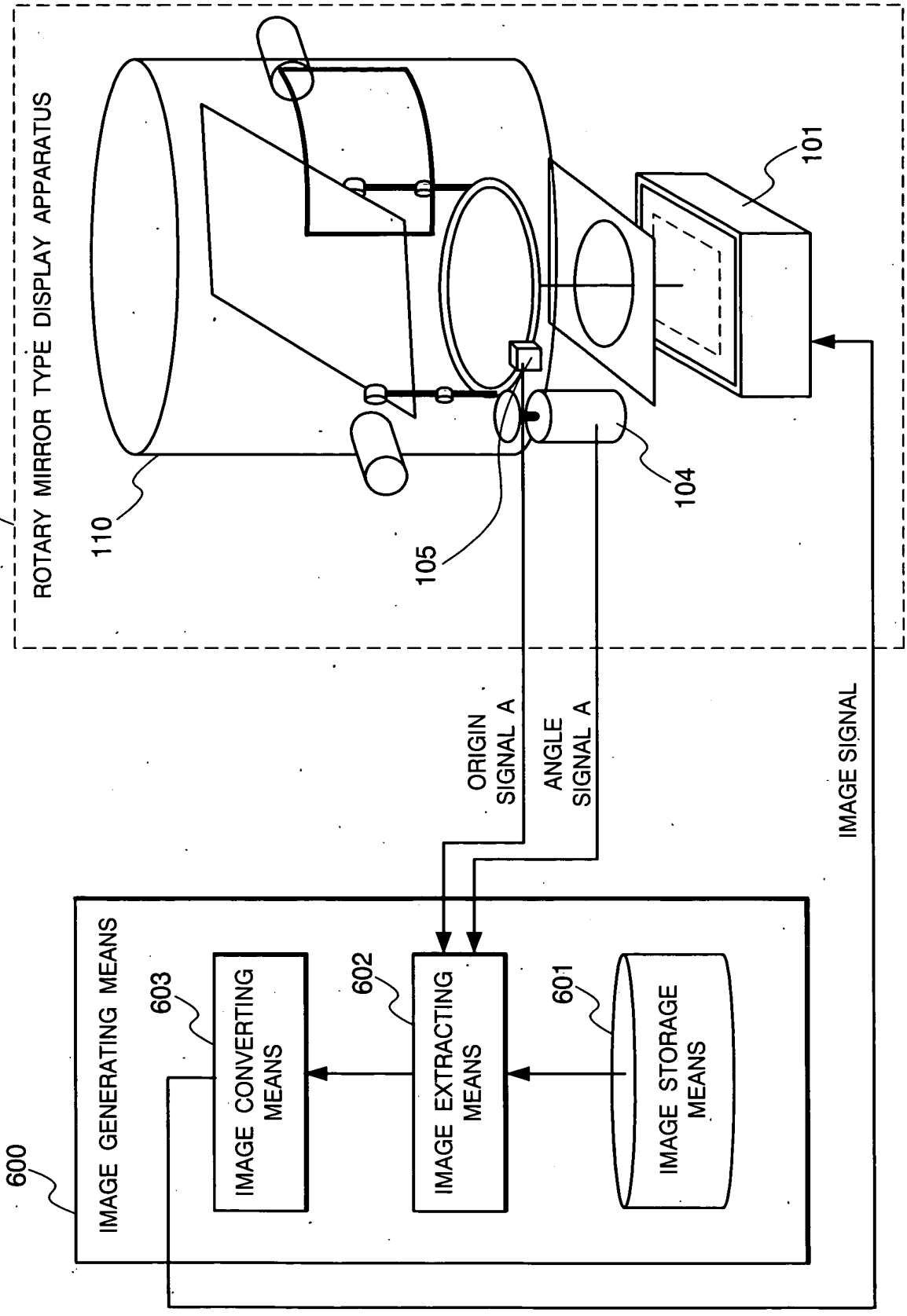


FIG.26

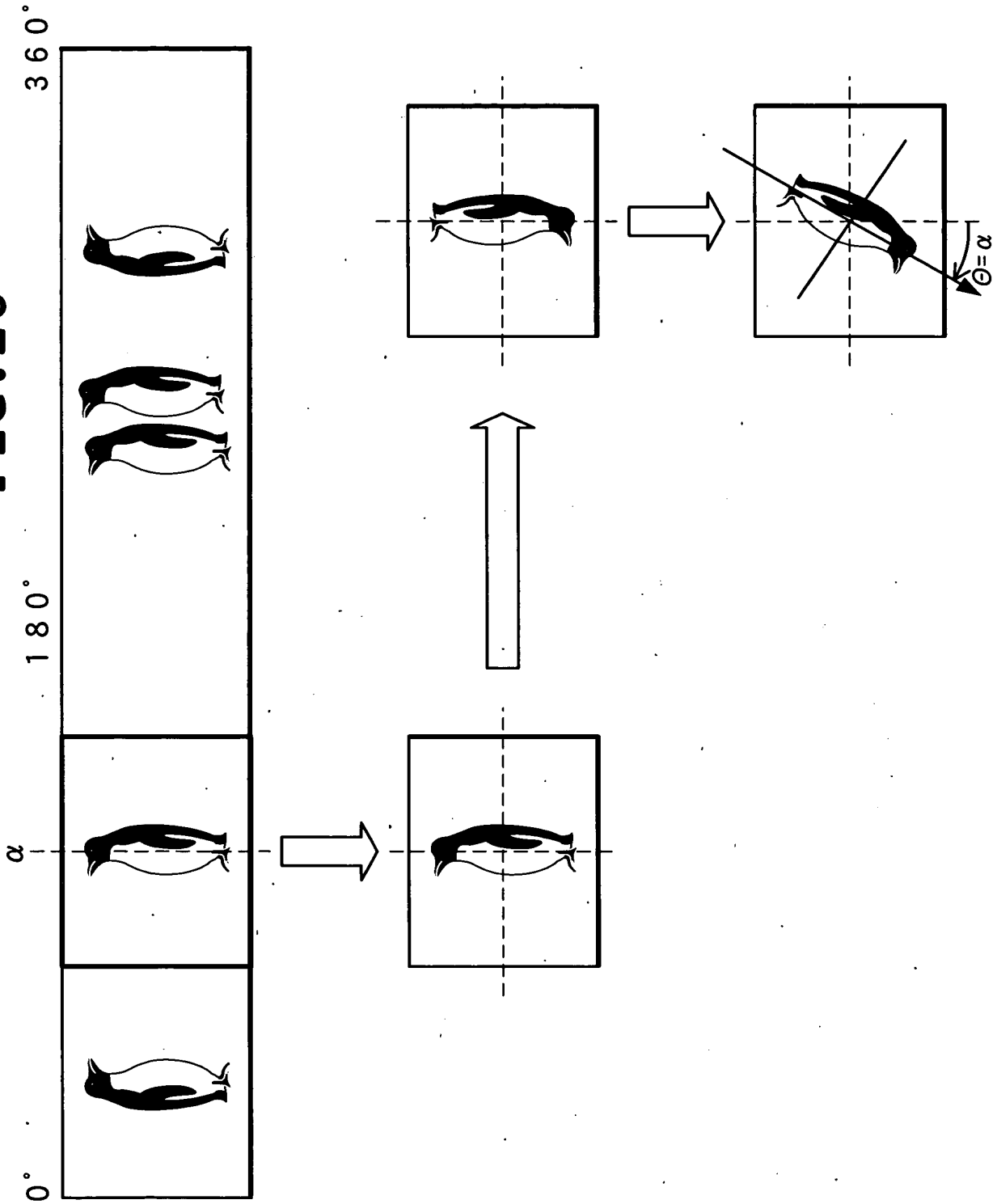
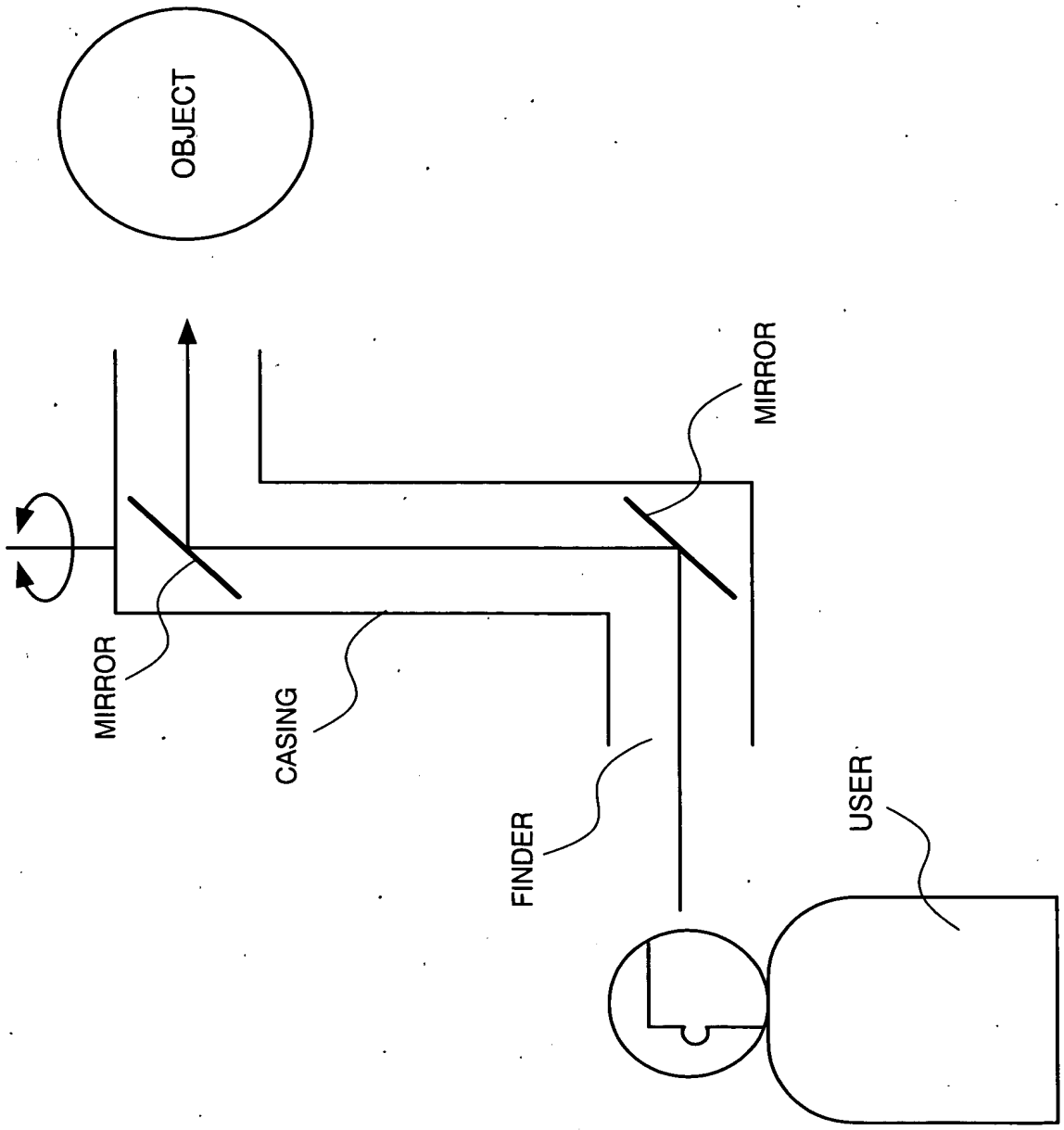


FIG.27 (PRIOR ART)



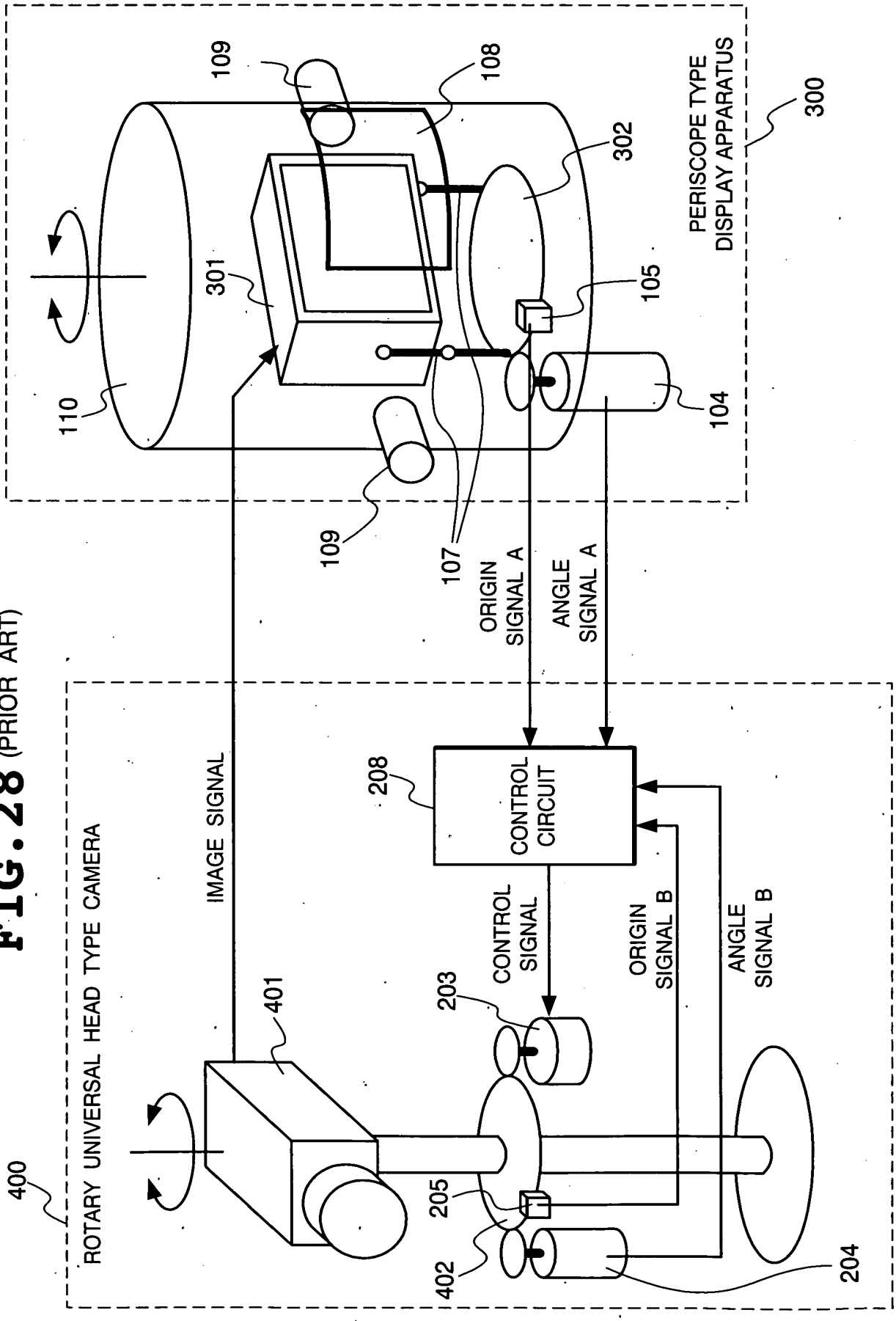


FIG.28 (PRIOR ART)

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FIG. 29 (PRIOR ART)

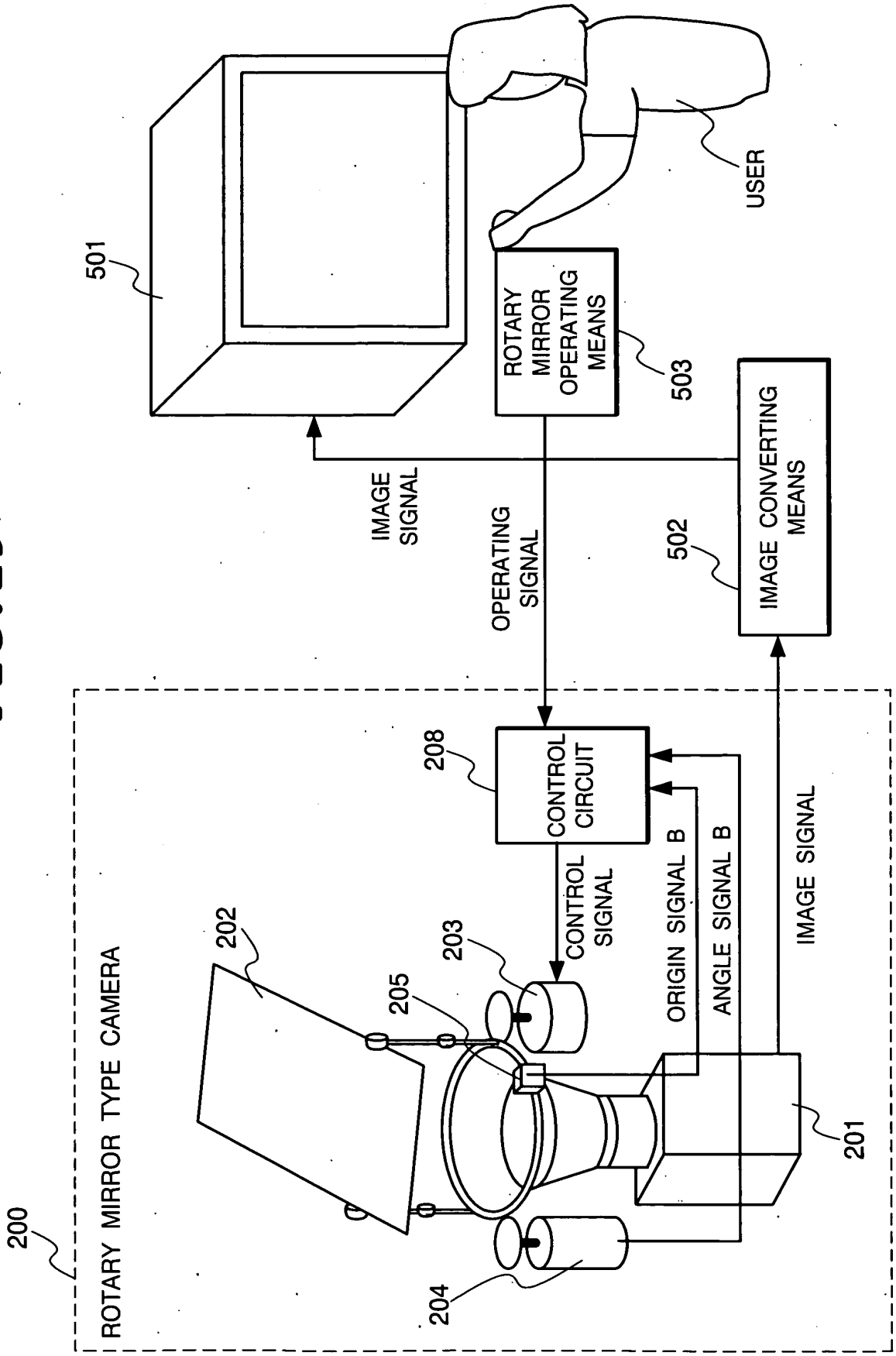
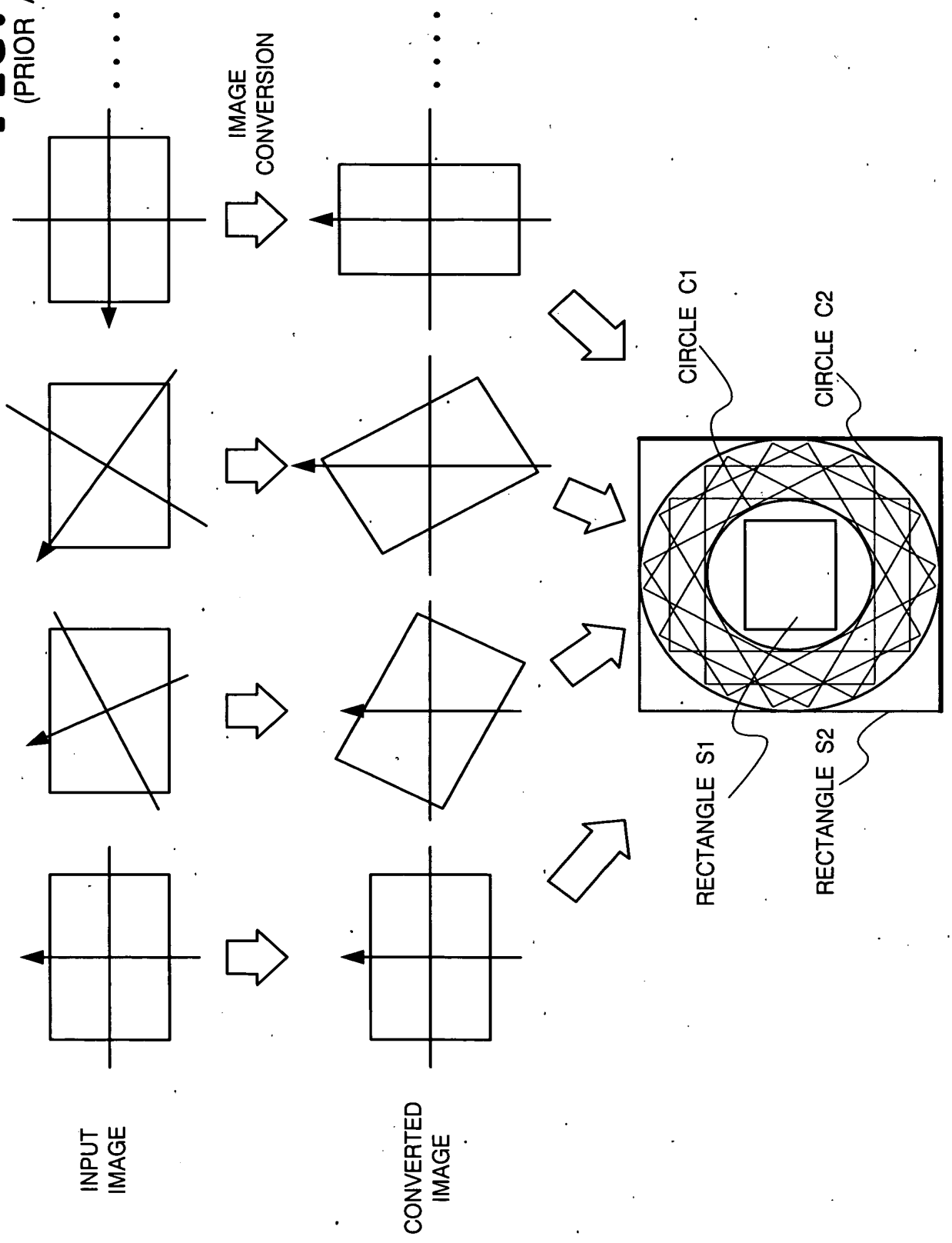


FIG.30
(PRIOR ART)



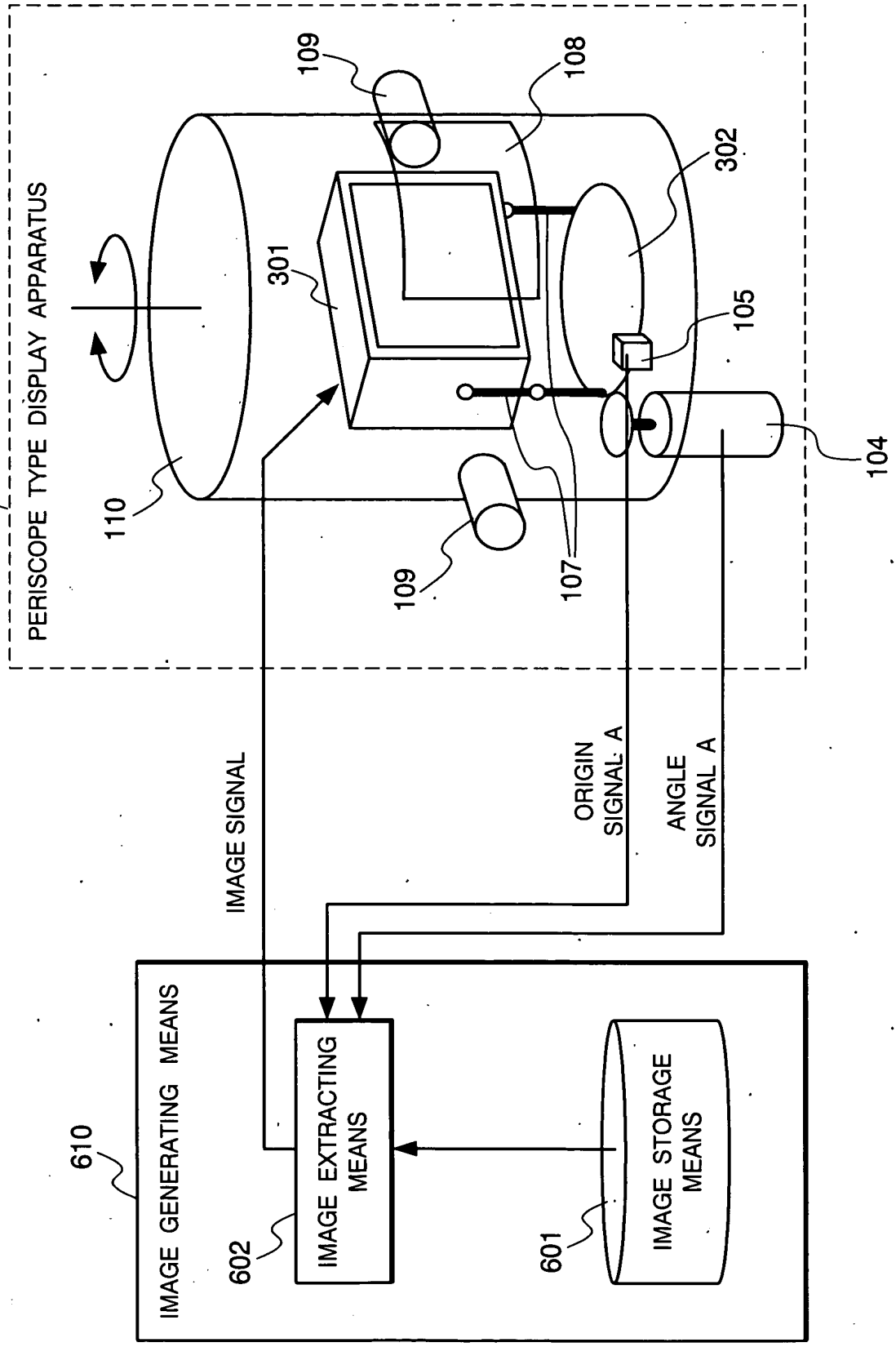
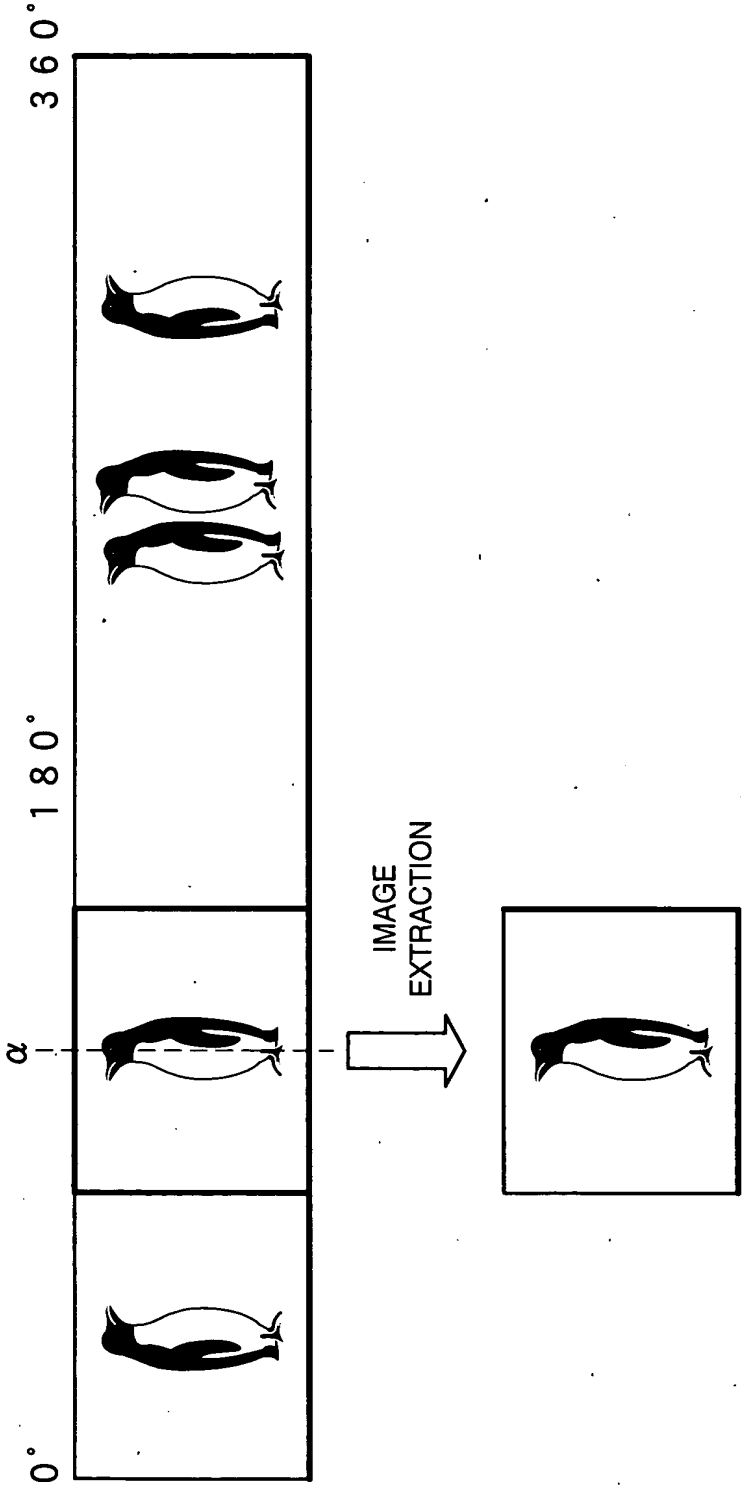


FIG. 31 (PRIOR ART)

FIG. 32 (PRIOR ART)



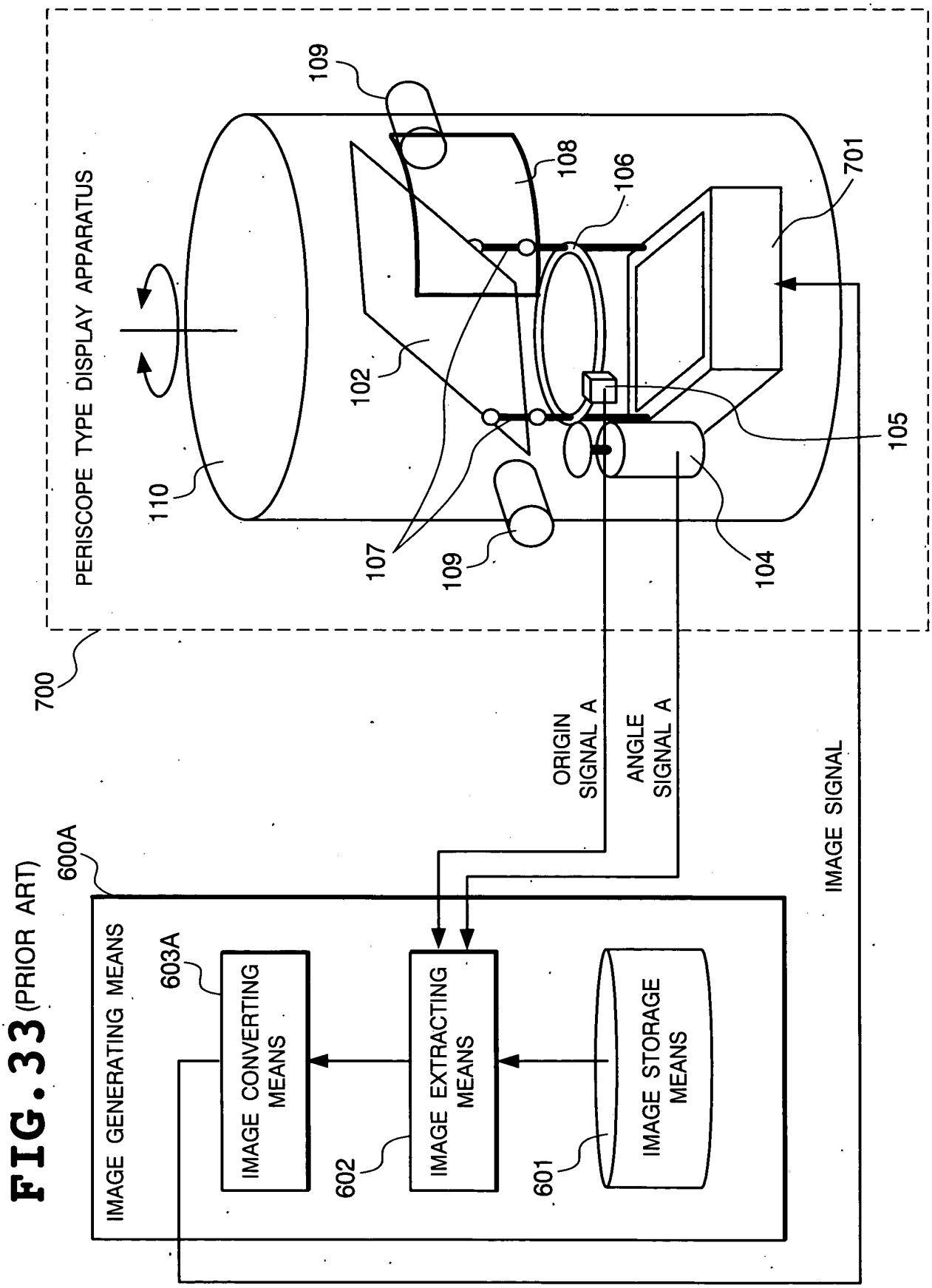


FIG. 33 (PRIOR ART)

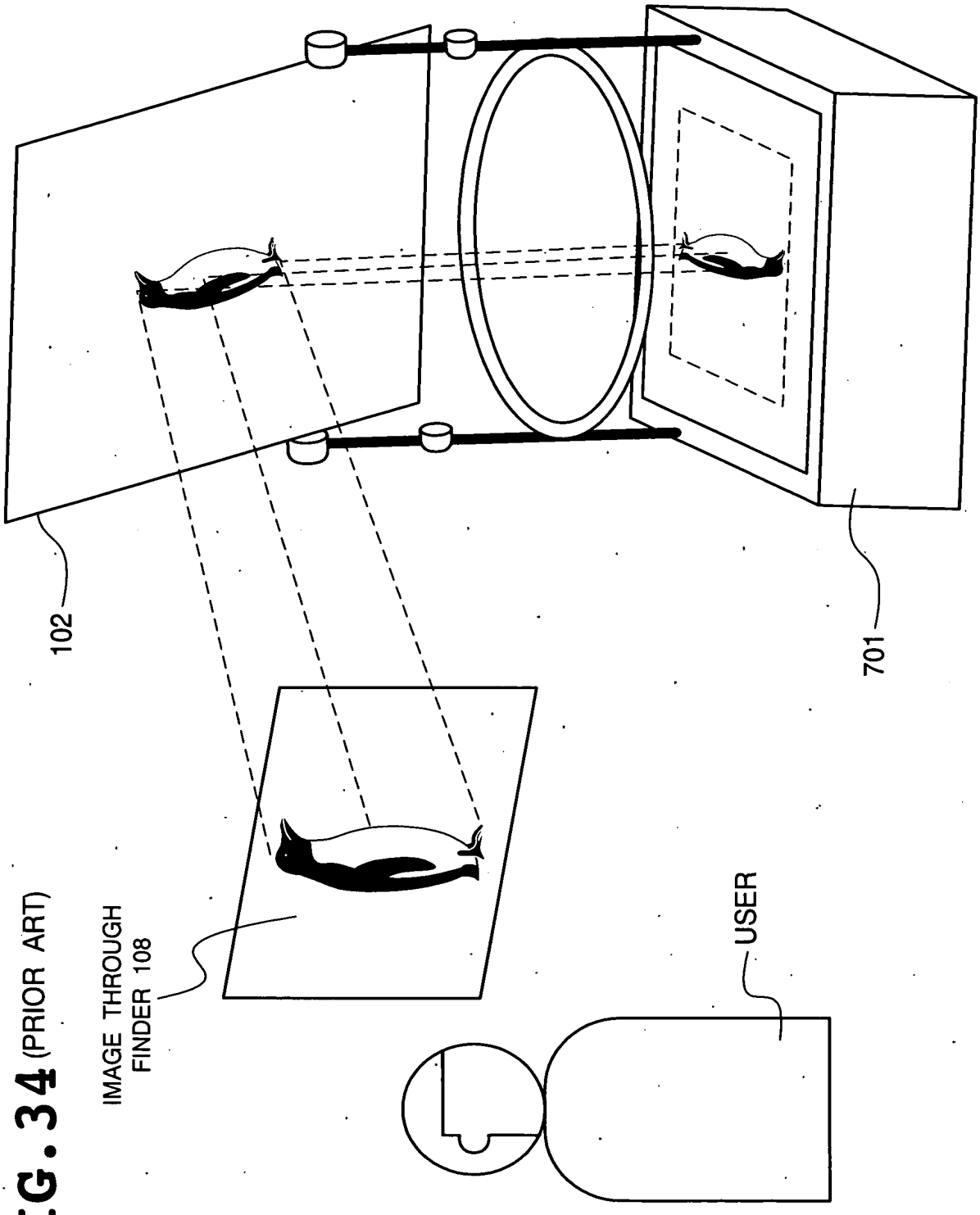


FIG. 34 (PRIOR ART)

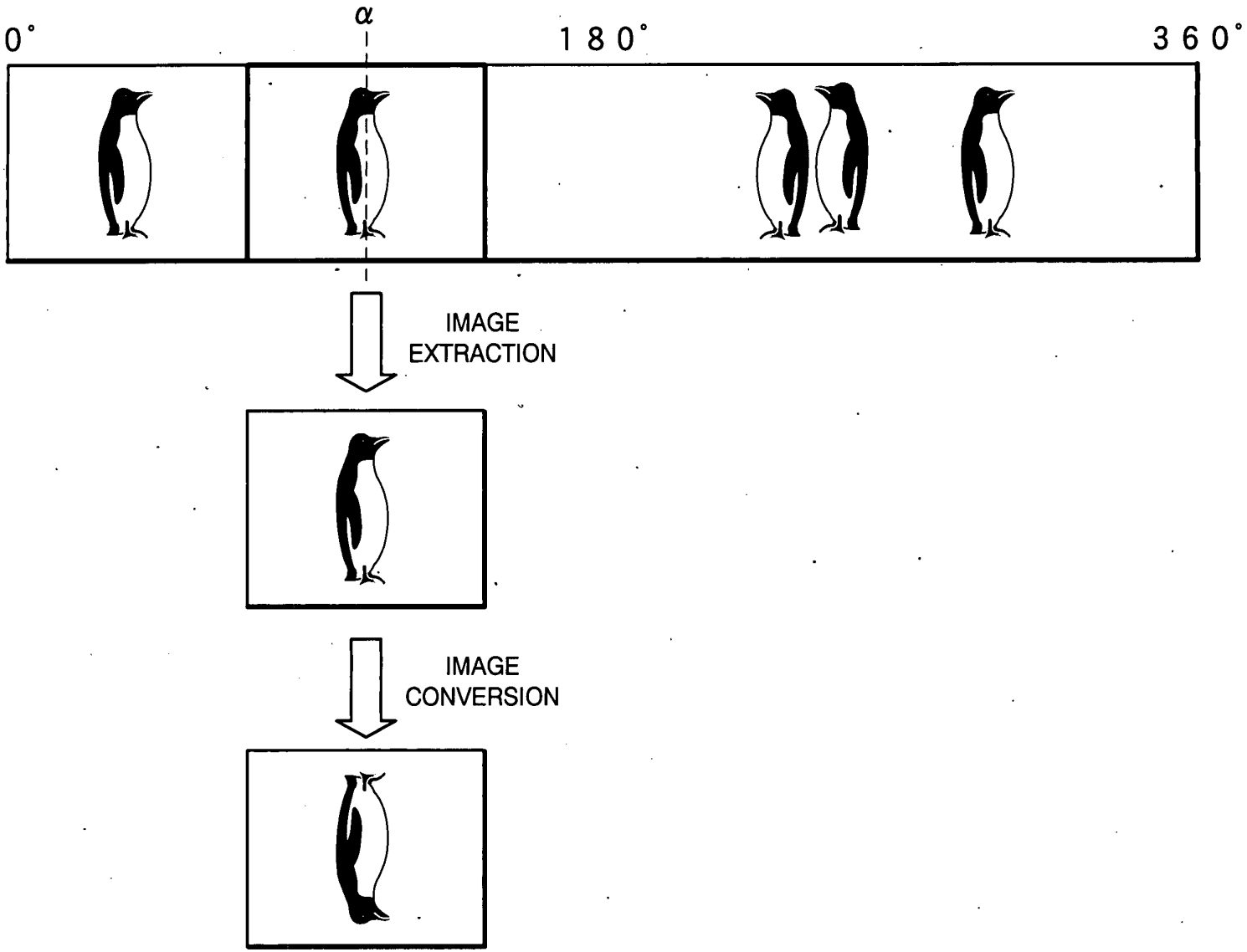



FIG. 35 (PRIOR ART)